

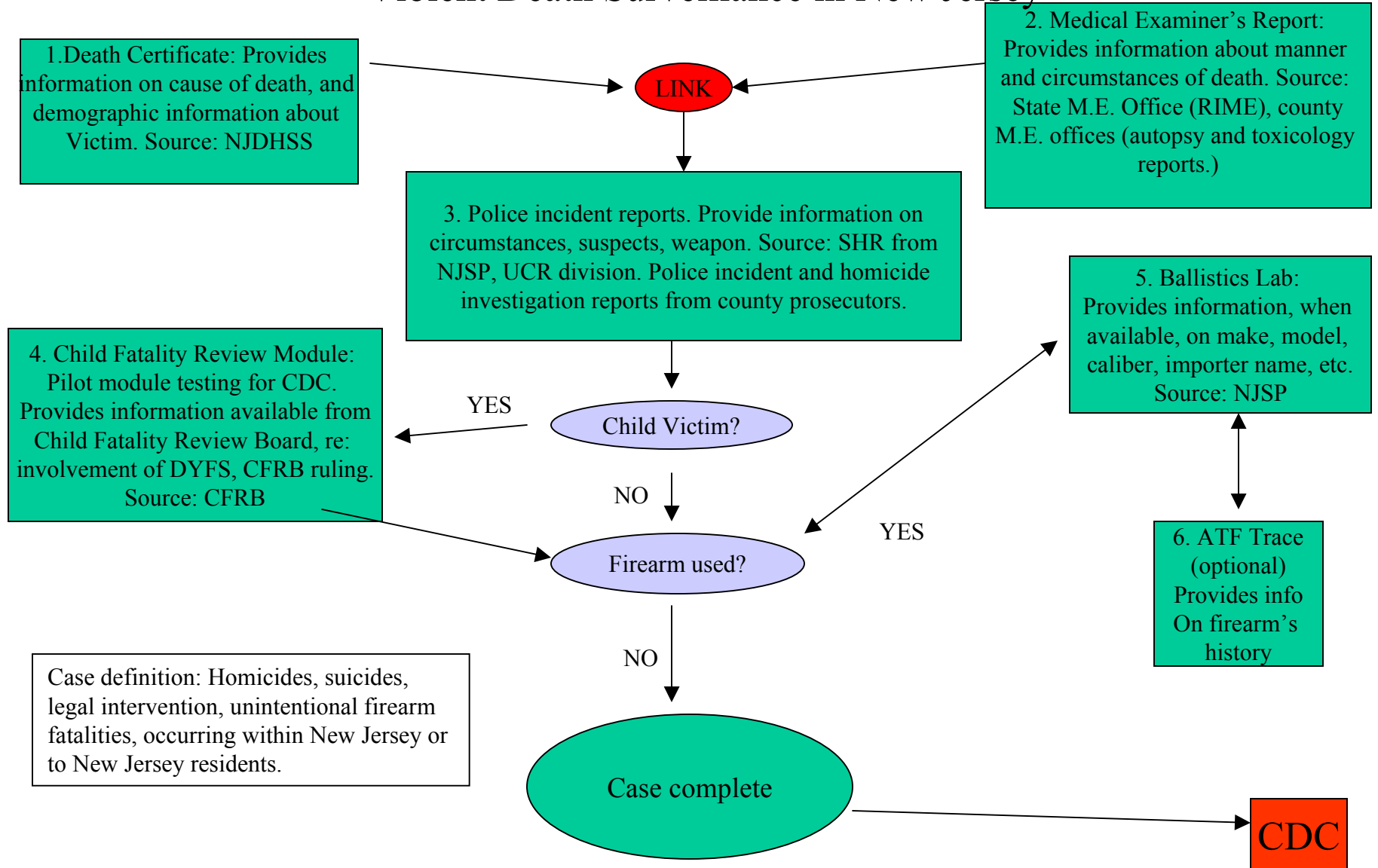
Violent Death Surveillance in New Jersey

The New Jersey Violent Death Reporting System

The Center for Health Statistics, NJDHSS

The Violence Institute of New Jersey, UMDNJ

Violent Death Surveillance in New Jersey



Major data sources

1. Death Certificate
2. Medical Examiner's Reports
3. Police Incident Reports
4. Child Fatality Review Board
5. Ballistics Lab

NVDRS - [frmCaseEntry]

Data Entry Restructure Reports User Tools Help

IMAGE 7

Incident - 14 | Documents | **Person 1 (V)** | Person 2 | Person 3 | S-V Relation | Weapon 1 | Weapon 2 | P-W Relation

Identity | DC | C/ME | PR | SHR | Hosp | CFR | Abstractor

DC	C/ME	PR	SHR
Person type: <input type="text" value="1"/>	Person type: <input type="text"/>	Person type: <input type="text"/>	Person type: <input type="text"/>
Last name: <input type="text"/>	Last name: <input type="text"/>	Last name: <input type="text"/>	Last name: <input type="text"/>
First name: <input type="text"/>	First name: <input type="text"/>	First name: <input type="text"/>	First name: <input type="text"/>
Middle name: <input type="text"/>	Middle name: <input type="text"/>	Middle name: <input type="text"/>	Middle name: <input type="text"/>
Social Security #: <input type="text"/>	Social Security #: <input type="text"/>	Social Security #: <input type="text"/>	Social Security #: <input type="text"/>
Date of birth: <input type="text"/>	Date of birth: <input type="text"/>	Date of birth: <input type="text"/>	Date of birth: <input type="text"/>
Age: <input type="text"/>	Age: <input type="text"/>	Age: <input type="text"/>	Age: <input type="text"/>
Age unit: <input type="text"/>	Age unit: <input type="text"/>	Age unit: <input type="text"/>	Age unit: <input type="text"/>
Person's sex: <input type="text"/>	Person's sex: <input type="text"/>	Person's sex: <input type="text"/>	Person's sex: <input type="text"/>
<input type="checkbox"/> White	<input type="checkbox"/> White	<input type="checkbox"/> White	<input type="checkbox"/> White
<input type="checkbox"/> Black	<input type="checkbox"/> Black	<input type="checkbox"/> Black	<input type="checkbox"/> Black
<input type="checkbox"/> Asian	<input type="checkbox"/> Asian	<input type="checkbox"/> Asian	<input type="checkbox"/> Asian
<input type="checkbox"/> Pacific Islander	<input type="checkbox"/> Pacific Islander	<input type="checkbox"/> Pacific Islander	<input type="checkbox"/> Pacific Islander
<input type="checkbox"/> American Indian	<input type="checkbox"/> American Indian	<input type="checkbox"/> American Indian	<input type="checkbox"/> American Indian
<input type="checkbox"/> Other	<input type="checkbox"/> Other	<input type="checkbox"/> Other	<input type="checkbox"/> Other
<input type="checkbox"/> Unspecified	<input type="checkbox"/> Unspecified	<input type="checkbox"/> Unspecified	<input type="checkbox"/> Unspecified
Hispanic origin: <input type="text"/>	Hispanic origin: <input type="text"/>	Hispanic origin: <input type="text"/>	Hispanic origin: <input type="text"/>
Address: <input type="text"/>	Address: <input type="text"/>	Address: <input type="text"/>	Address: <input type="text"/>
City: <input type="text"/>	City: <input type="text"/>	City: <input type="text"/>	City: <input type="text"/>
County: <input type="text"/>	County: <input type="text"/>	County: <input type="text"/>	County: <input type="text"/>
State: <input type="text"/>	State: <input type="text"/>	State: <input type="text"/>	State: <input type="text"/>
ZIP code: <input type="text"/>	ZIP code: <input type="text"/>	ZIP code: <input type="text"/>	ZIP code: <input type="text"/>
Country: <input type="text"/>	Country: <input type="text"/>	Country: <input type="text"/>	Country: <input type="text"/>
US Census tract: <input type="text"/>	US Census tract: <input type="text"/>	US Census tract: <input type="text"/>	US Census tract: <input type="text"/>
US Census block group: <input type="text"/>	US Census block group: <input type="text"/>	US Census block group: <input type="text"/>	US Census block group: <input type="text"/>

1 - Victim
2 - Suspect
3 - Both victim and suspect

Person 1 (V) tree:
Incident - 14
 Documents
 Document 1
 Document 2
 Document 3
 Document 4
 Person 1 (V)
 Identity
 DC
 C/ME
 PR
 SHR
 Hosp
 CFR
 Abstractor
 Person 2
 Identity
 Person 3
 Identity
 S-V Relation
 C/ME
 PR
 SHR
 Weapon 1
 Weapon 2
 P-W Relation
 ATF
 C/ME
 PR
 SHR

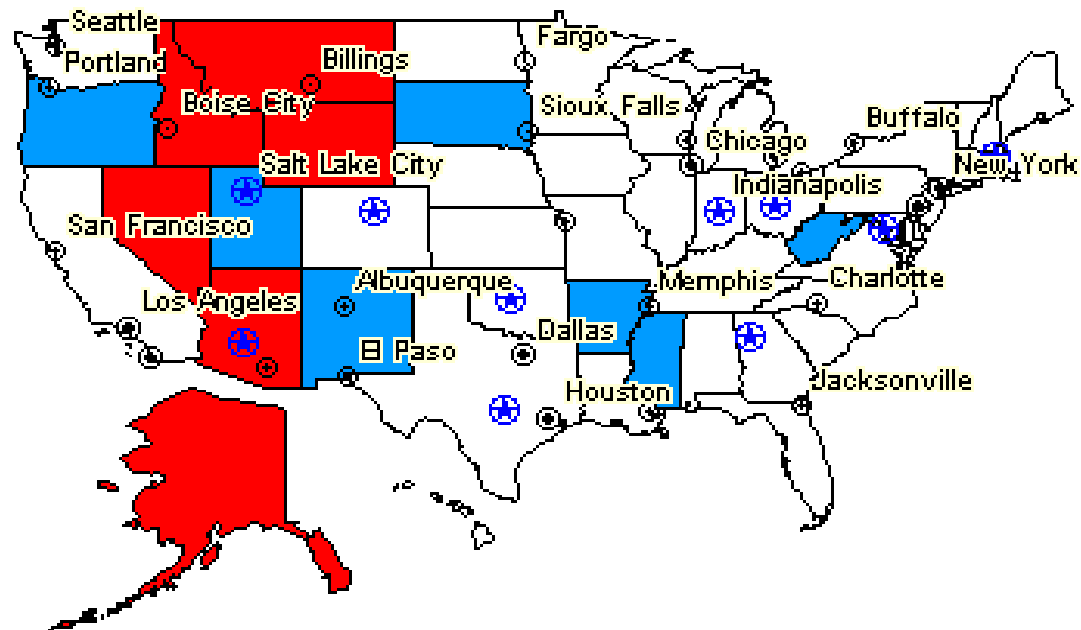
New Jersey versus the U.S.

- New Jersey's homicide and suicide rates are lower than the national rates, and NJ is among the lowest suicide rates

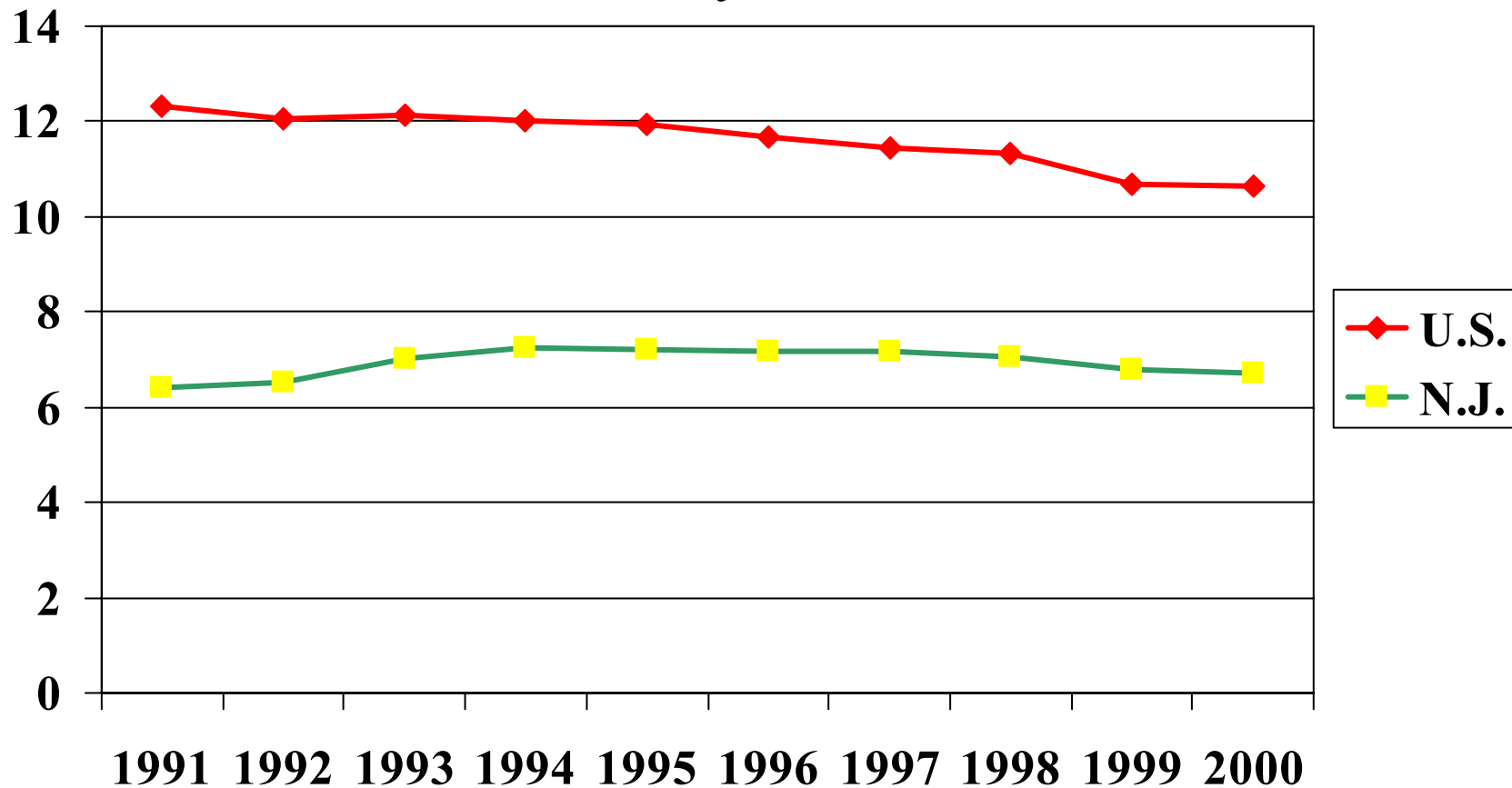
Suicides		Homicides	
New Jersey	United States	New Jersey	United States
6.71	10.64	4.05	6.19

Rates per 100,000 population, 2000 data

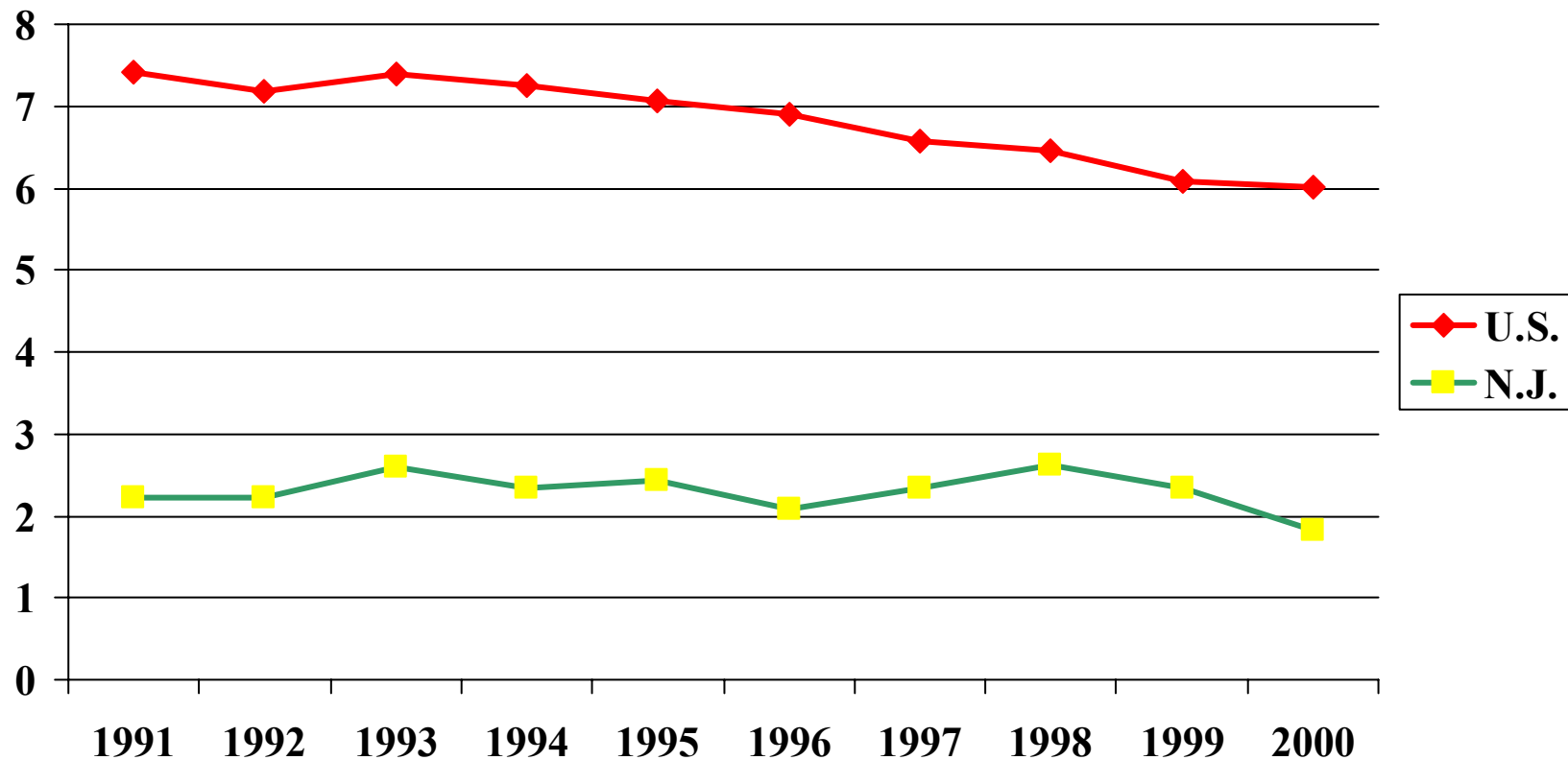
Suicides throughout the country



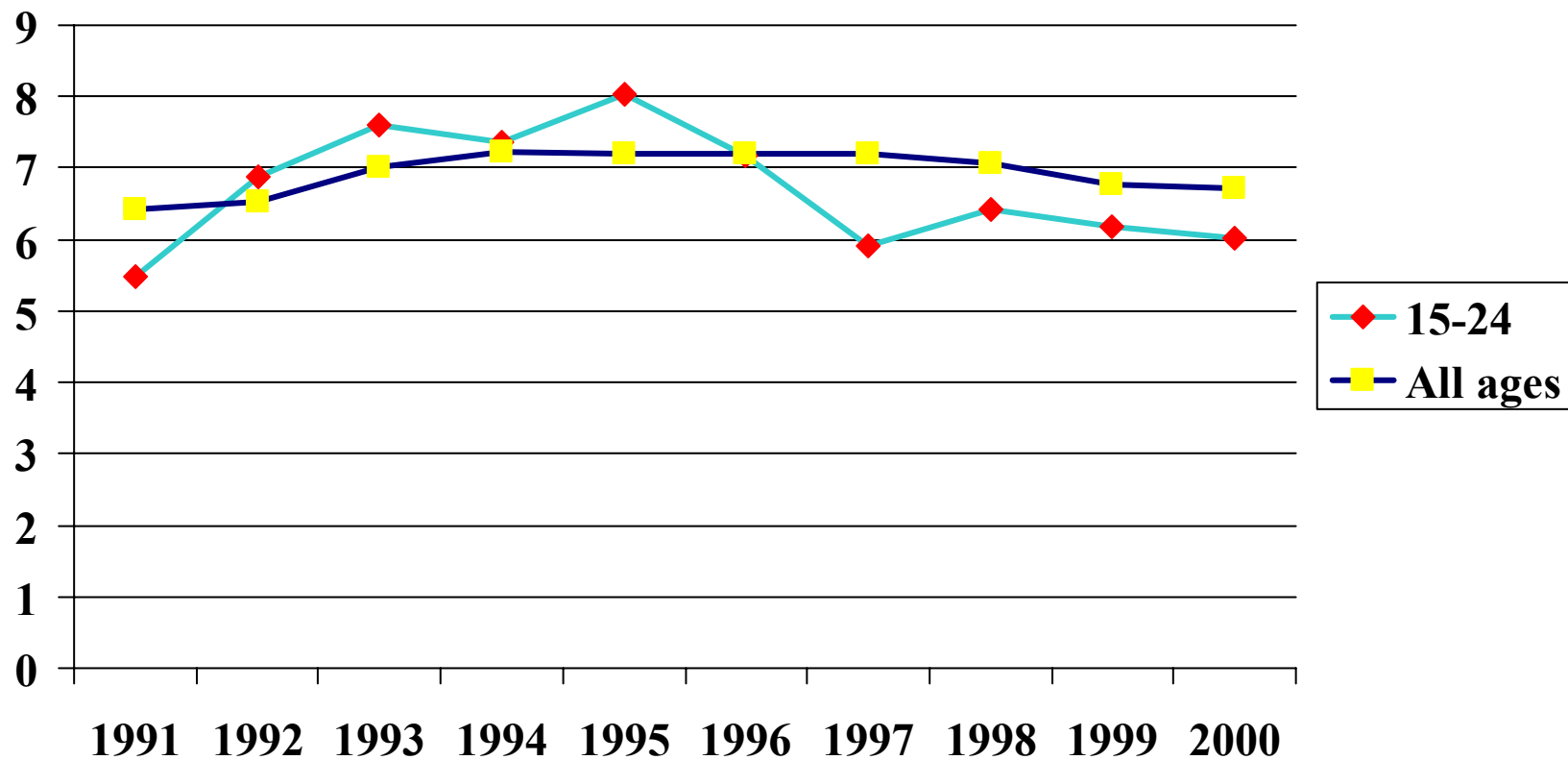
Age-adjusted suicide rate, United States and New Jersey, 1991-2000



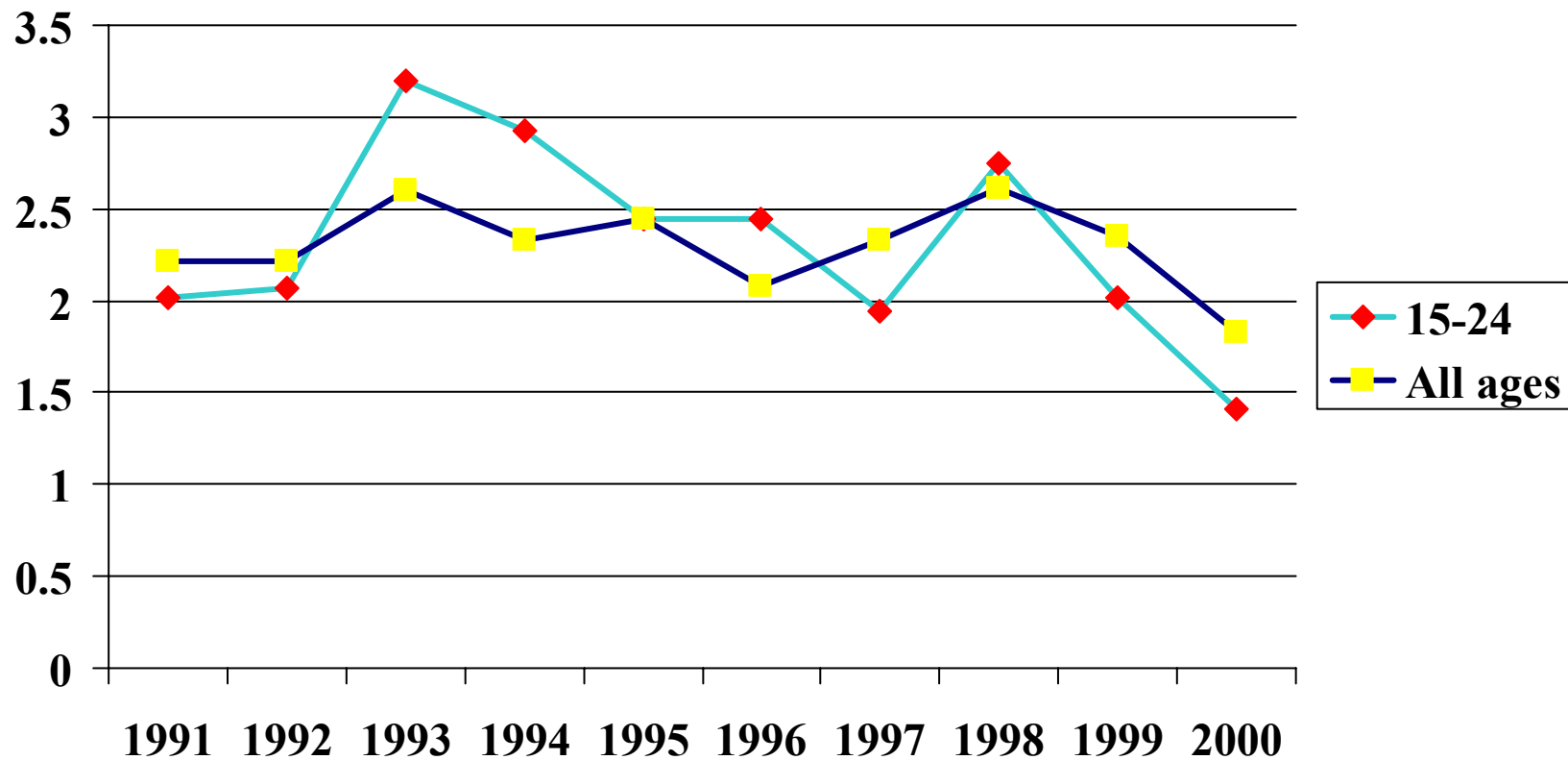
Age-adjusted firearm suicide rate, United States and New Jersey, 1991-2000



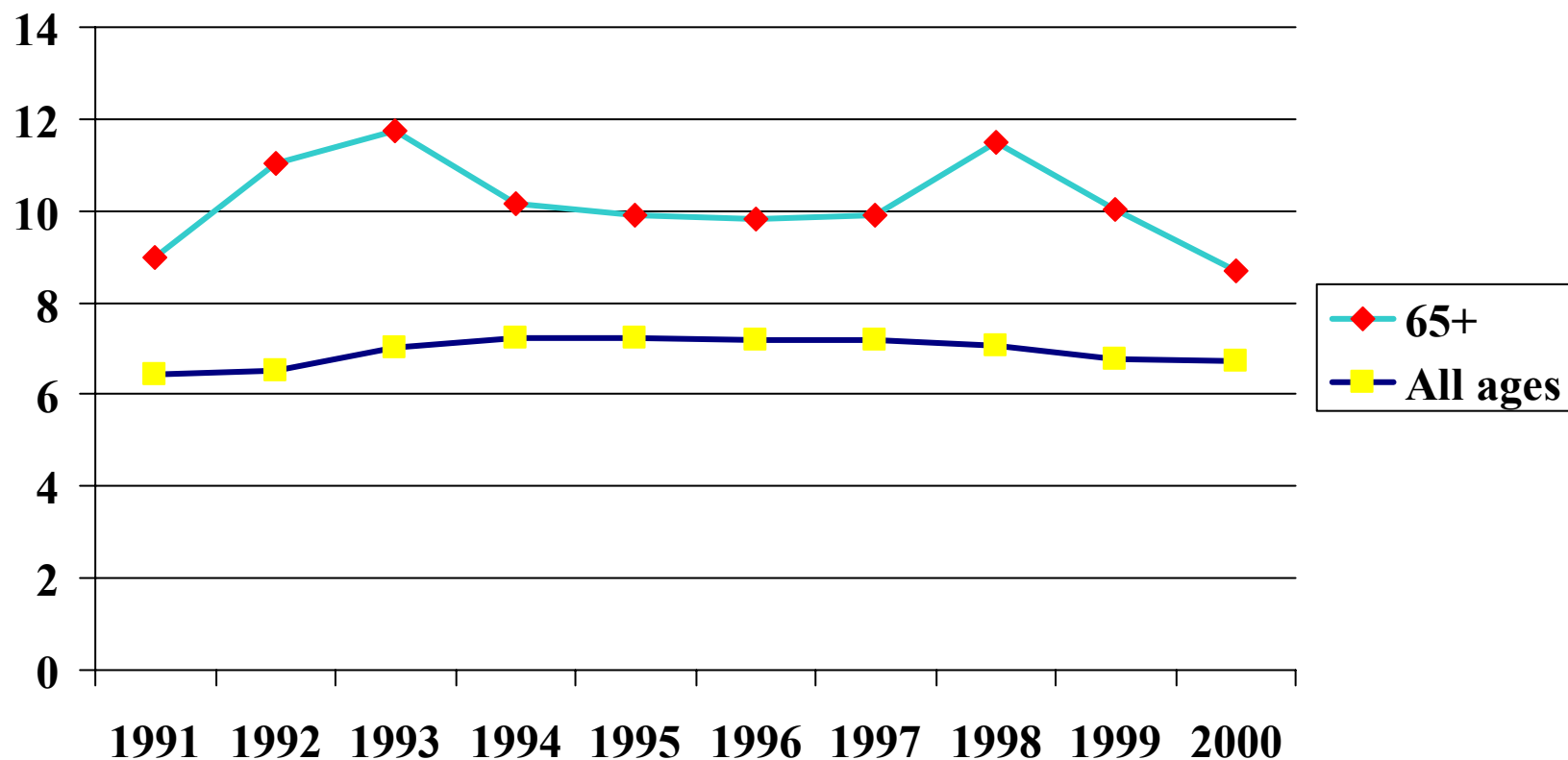
Suicide rate, 15-24 years and all ages, New Jersey, 1991-2000



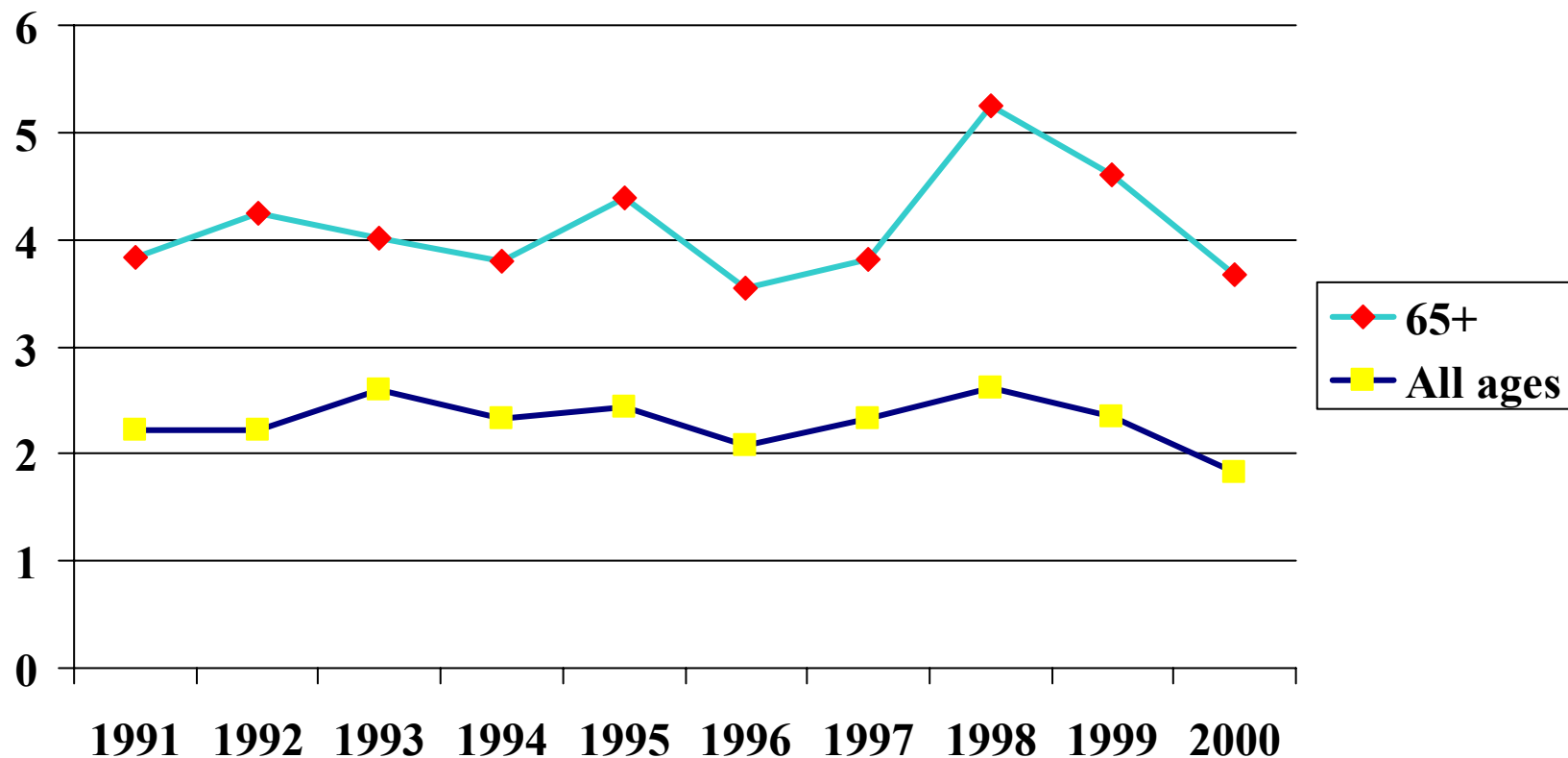
Firearm suicide rate, 15-24 years and all ages, New Jersey, 1991-2000



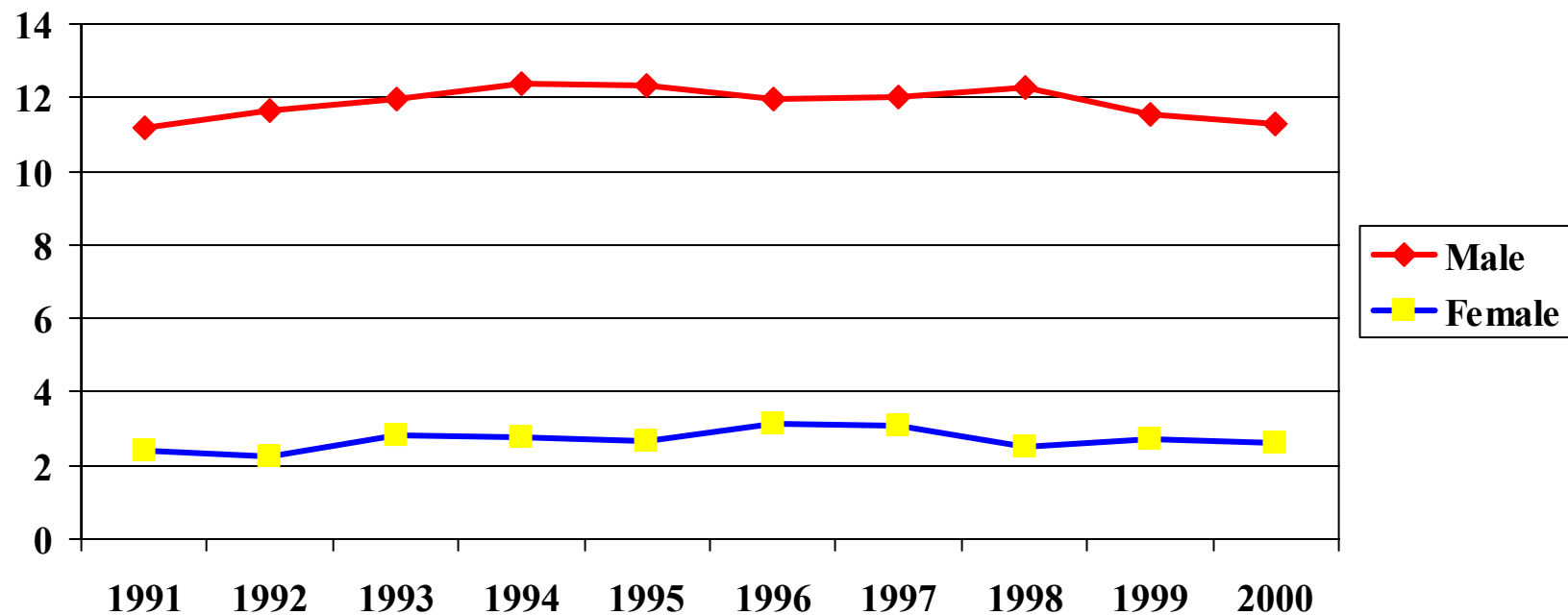
Suicide rate, ages 65+ years and all ages, New Jersey, 1991-2000



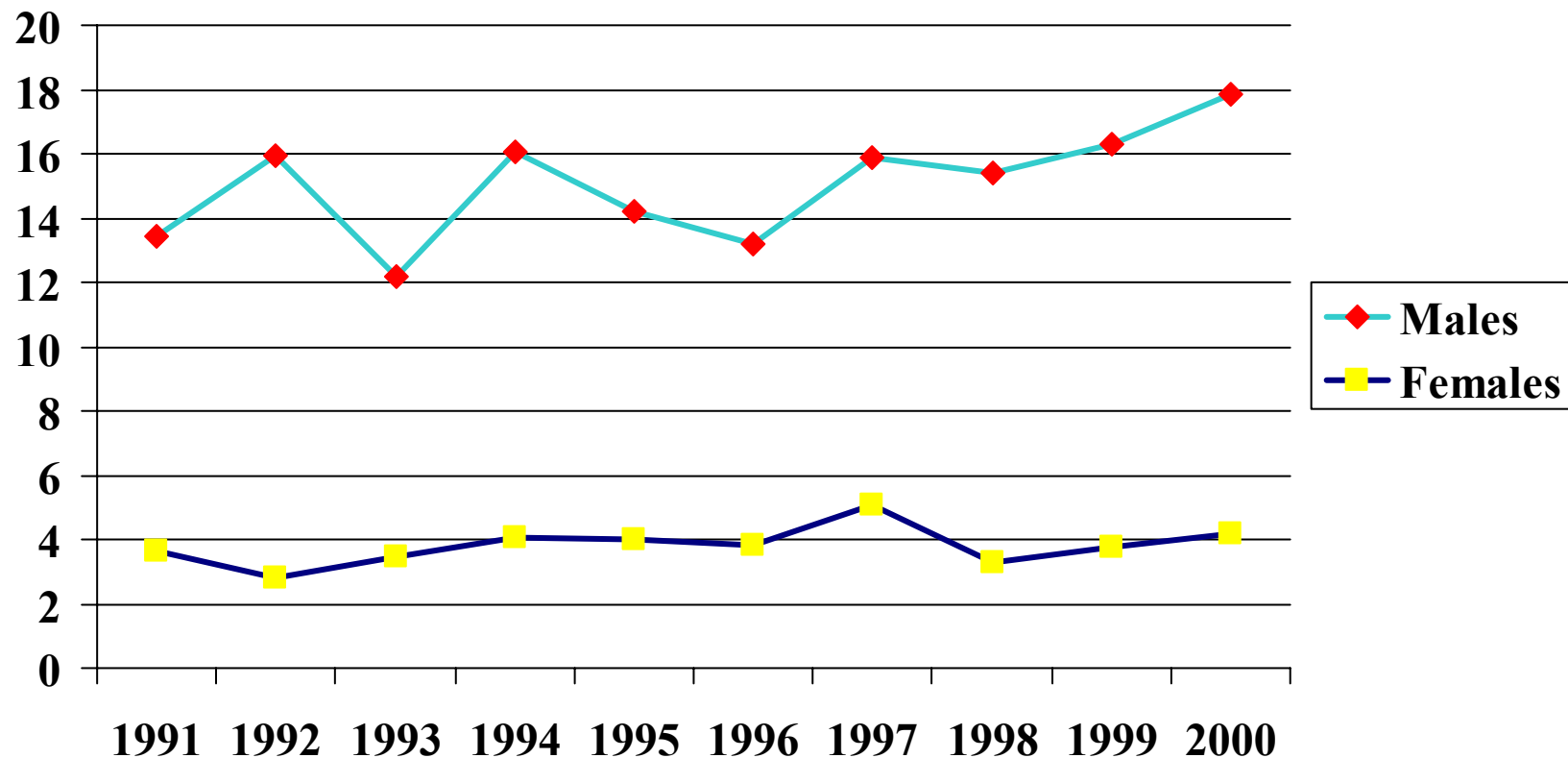
Firearm suicide rate, ages 65+ years and all ages, New Jersey, 1991-2000



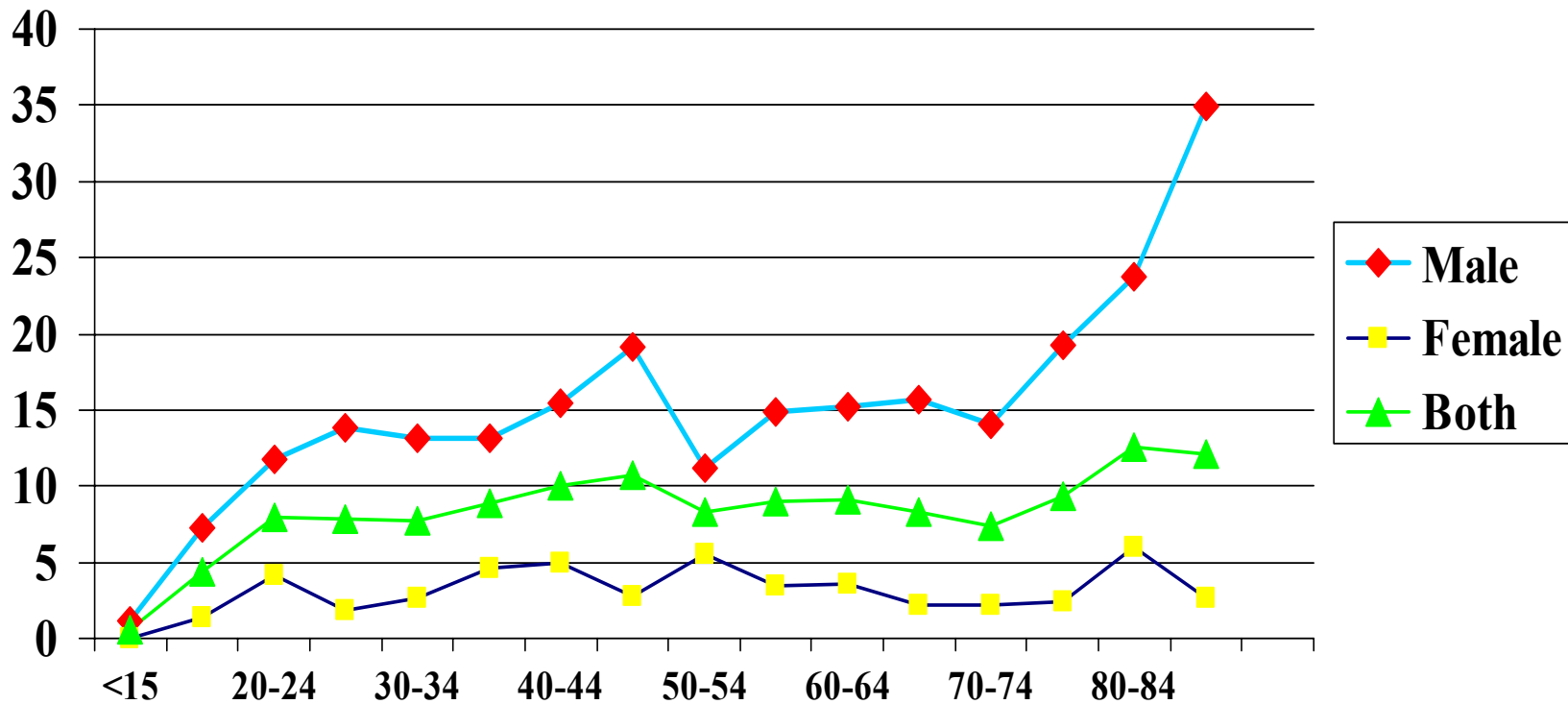
Suicide rate by gender, New Jersey, 1991-2000



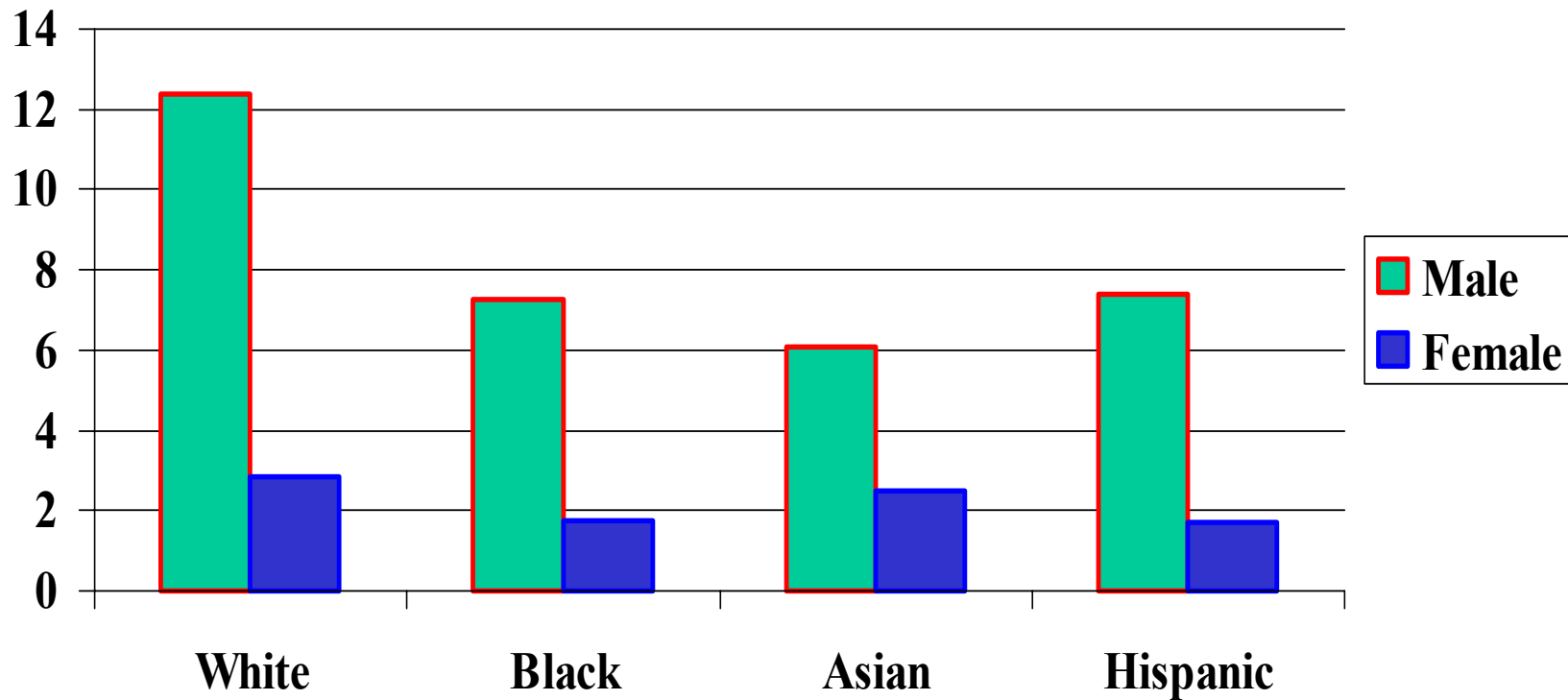
Suicide rate, ages 40-49 years, males and females, New Jersey, 1991-2000



Suicide rates by gender and age, New Jersey, 1999-2000



Age-adjusted suicide rates by race and gender , New Jersey, 1999-2000

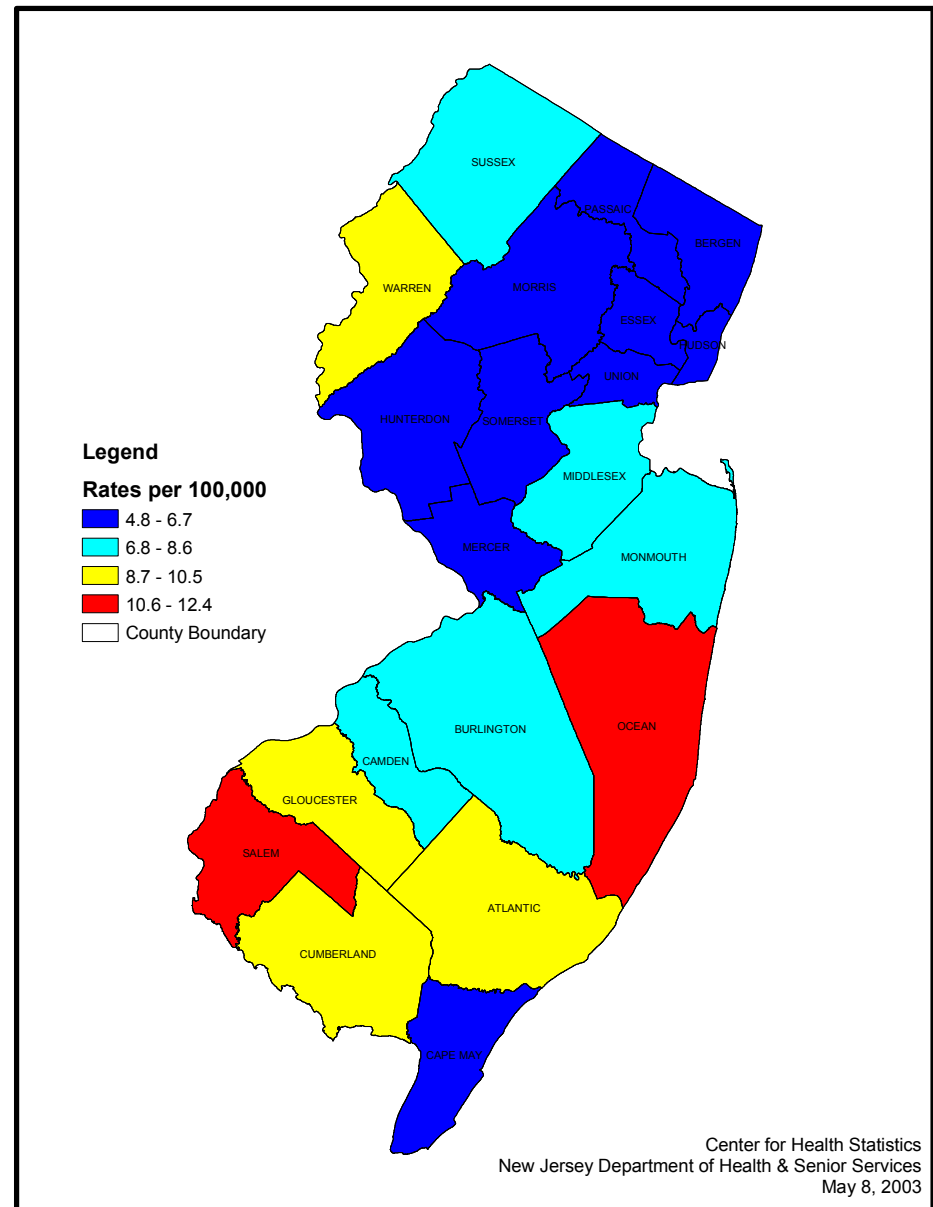


Age-adjusted county suicide rates, 1999-2000

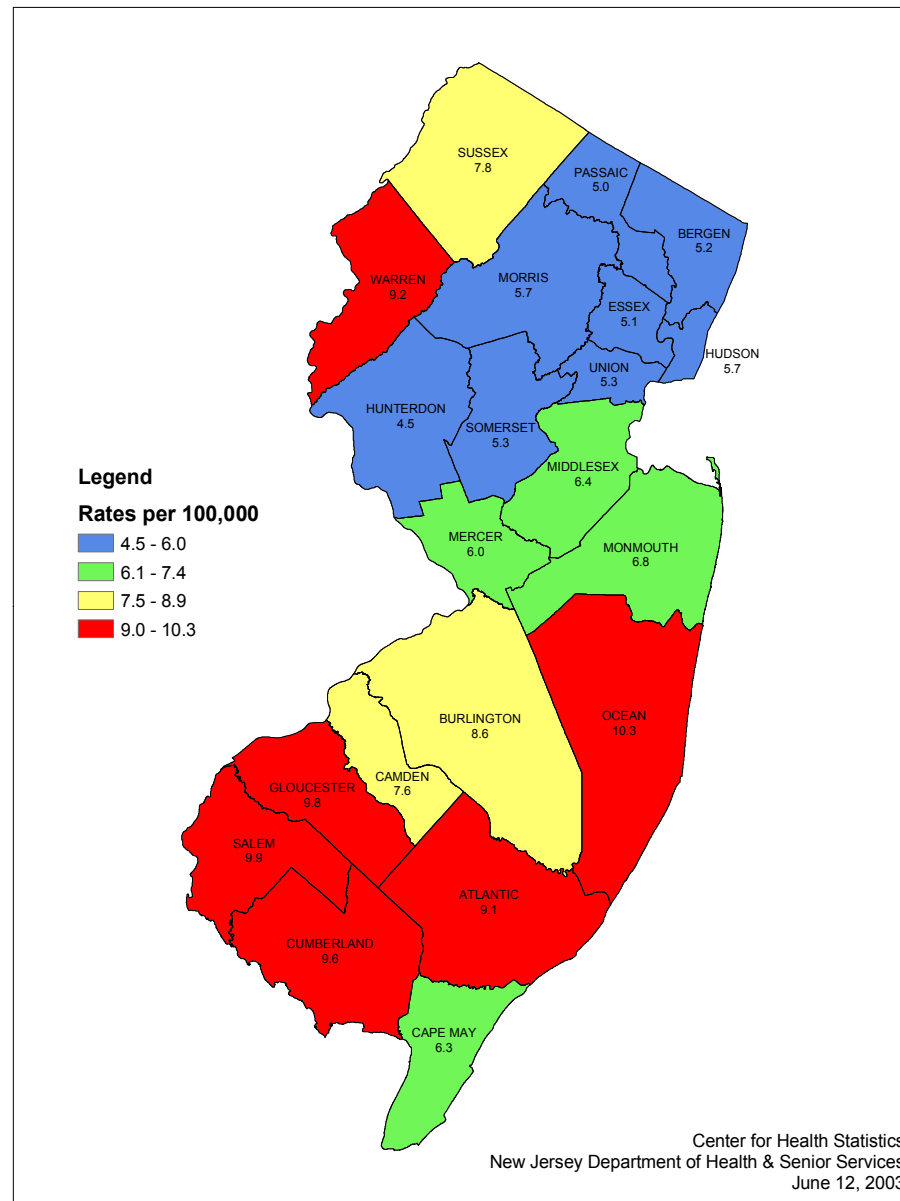
County	Rate	% Firearm	County	Rate	% Firearm
Atlantic	9.1	27.7%	Middlesex	6.4	29.6%
Bergen	5.2	22.7%	Monmouth	6.8	25.3%
Burlington	8.6	48.0%	Morris	5.7	31.5%
Camden	7.6	26.0%	Ocean	10.3	36.0%
Cape May	6.3	30.8%	Passaic	5.0	37.5%
Cumberland	9.6	57.1%	Salem	9.9	38.5%
Essex	5.1	27.5%	Somerset	5.3	32.3%
Gloucester	9.8	34.0%	Sussex	7.8	50.0%
Hudson	5.7	14.7%	Union	5.3	26.8%
Hunterdon	4.5	54.5%	Warren	9.2	25.0%
Mercer	6.0	30.2%			

New Jersey Resident Suicides Rates - 1999, 2000

1131 Total Suicides



New Jersey Resident Suicides Rates - 1999, 2000
1123 Total Suicides



New Jersey Resident Suicides Rates - 1999, 2000

90 Total Suicides in 65-74 Age Group

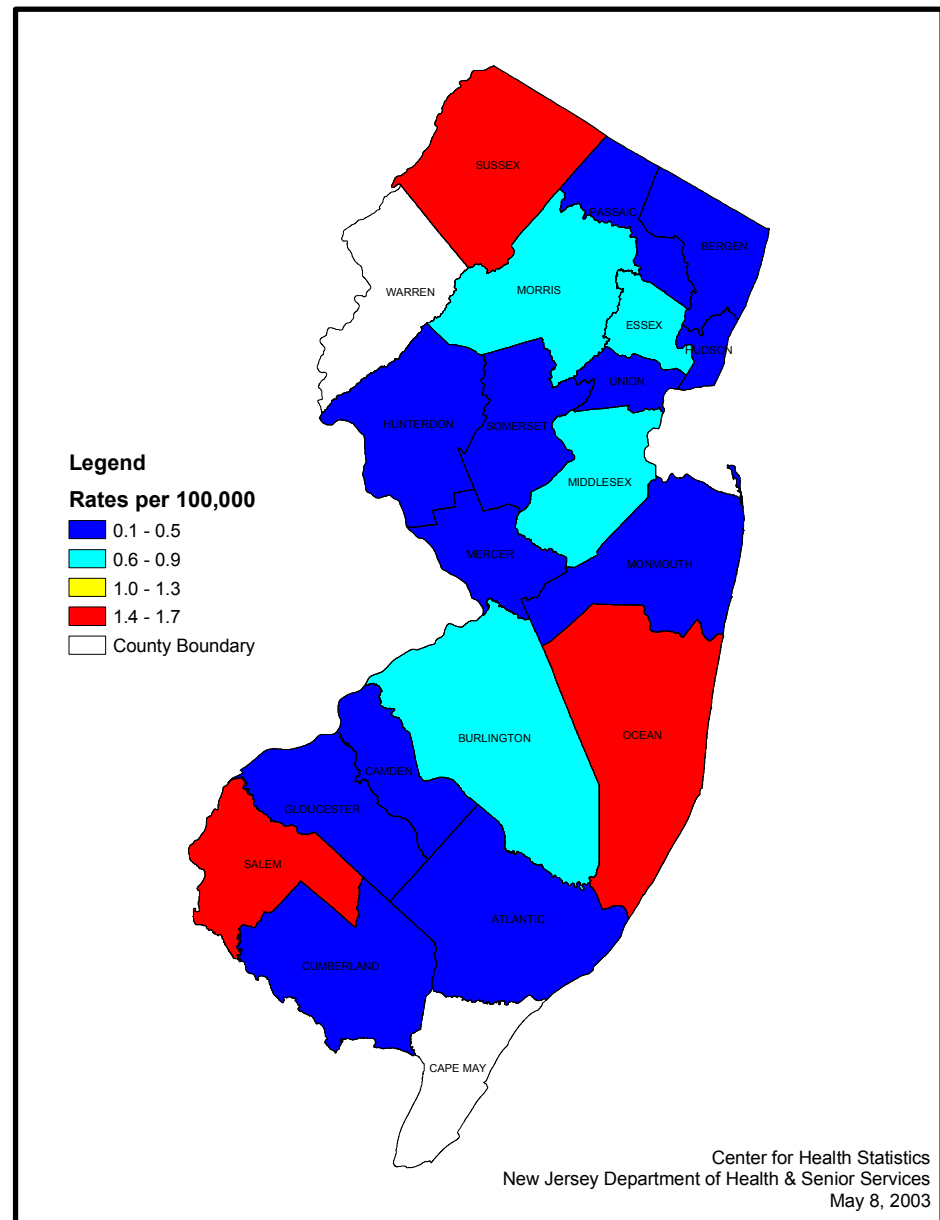


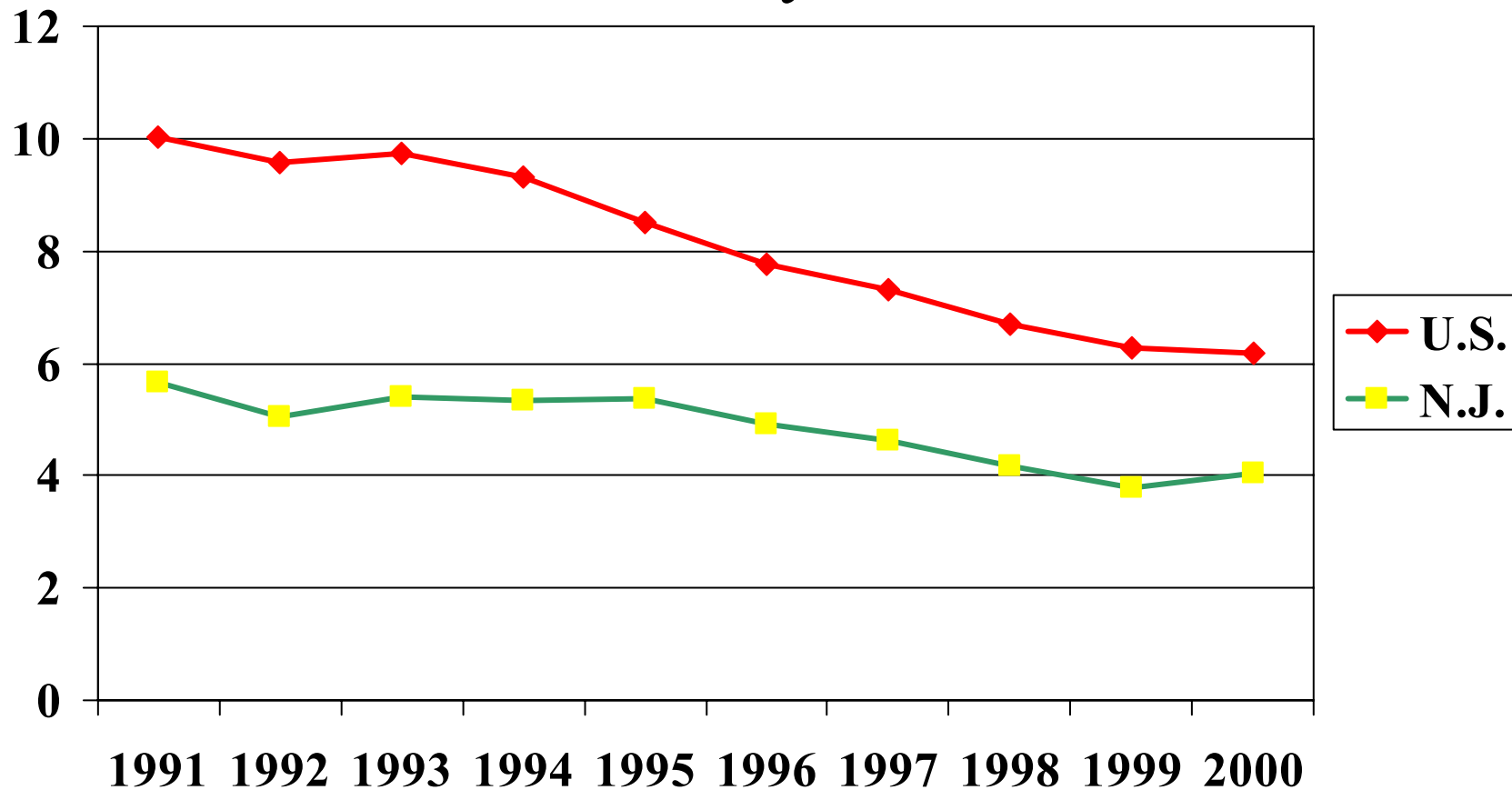
Table 2. Mechanism of Suicide, by County, New Jersey Residents, 1999 and 2000

County	Mechanism of Suicide					Total	Ave Rate*, all mech.	Percent using Firearm
	Firearm	Suffocation	Poisoning	Fall	All Other Mechanisms			
Atlantic	13	14	9	8	3	47	9.3	27.7%
Bergen	22	32	21	8	14	97	5.5	22.7%
Burlington	36	20	12	3	4	75	8.9	48.0%
Camden	20	19	24	6	8	77	7.6	26.0%
Cape May	4	3	6	0	0	13	6.4	30.8%
Cumberland	16	4	2	1	5	28	9.6	57.1%
Essex	22	26	14	10	8	80	5.0	27.5%
Gloucester	17	15	16	1	1	50	9.8	34.0%
Hudson	10	37	9	5	7	68	5.6	14.7%
Hunterdon	6	2	2	0	1	11	4.5	54.5%
Mercer	13	20	8	0	2	43	6.1	30.2%
Middlesex	29	26	22	6	15	98	6.5	29.6%
Monmouth	21	28	16	5	13	83	6.7	25.3%
Morris	17	14	12	3	8	54	5.7	31.5%
Ocean	40	34	28	1	8	111	10.9	36.0%
Passaic	18	16	6	2	6	48	4.9	37.5%
Salem	5	5	3	0	0	13	10.1	38.5%
Somerset	10	11	6	0	4	31	5.2	32.3%
Sussex	10	5	4	0	1	20	6.9	50.0%
Union	15	19	15	2	5	56	5.4	26.8%
Warren	5	4	7	0	4	20	9.8	25.0%
Total	349	354	242	61	117	1123	6.7	31.1%

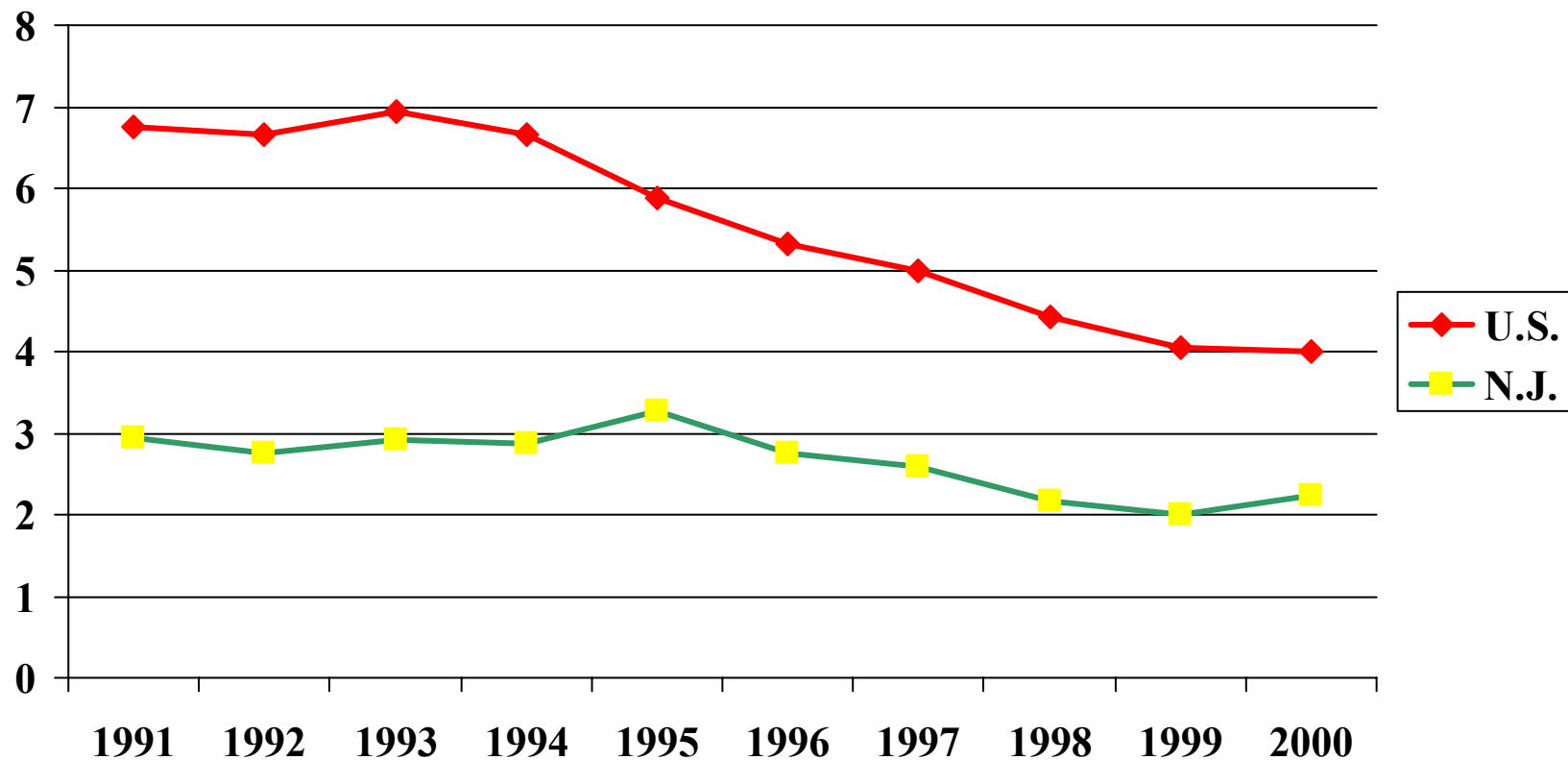
Homicides

- Includes homicide and legal intervention
- Legal intervention as a percent of all homicides, 1991-2000
 - United States, 1.60% of homicide deaths were legal intervention
 - New Jersey, 1.45% were legal intervention

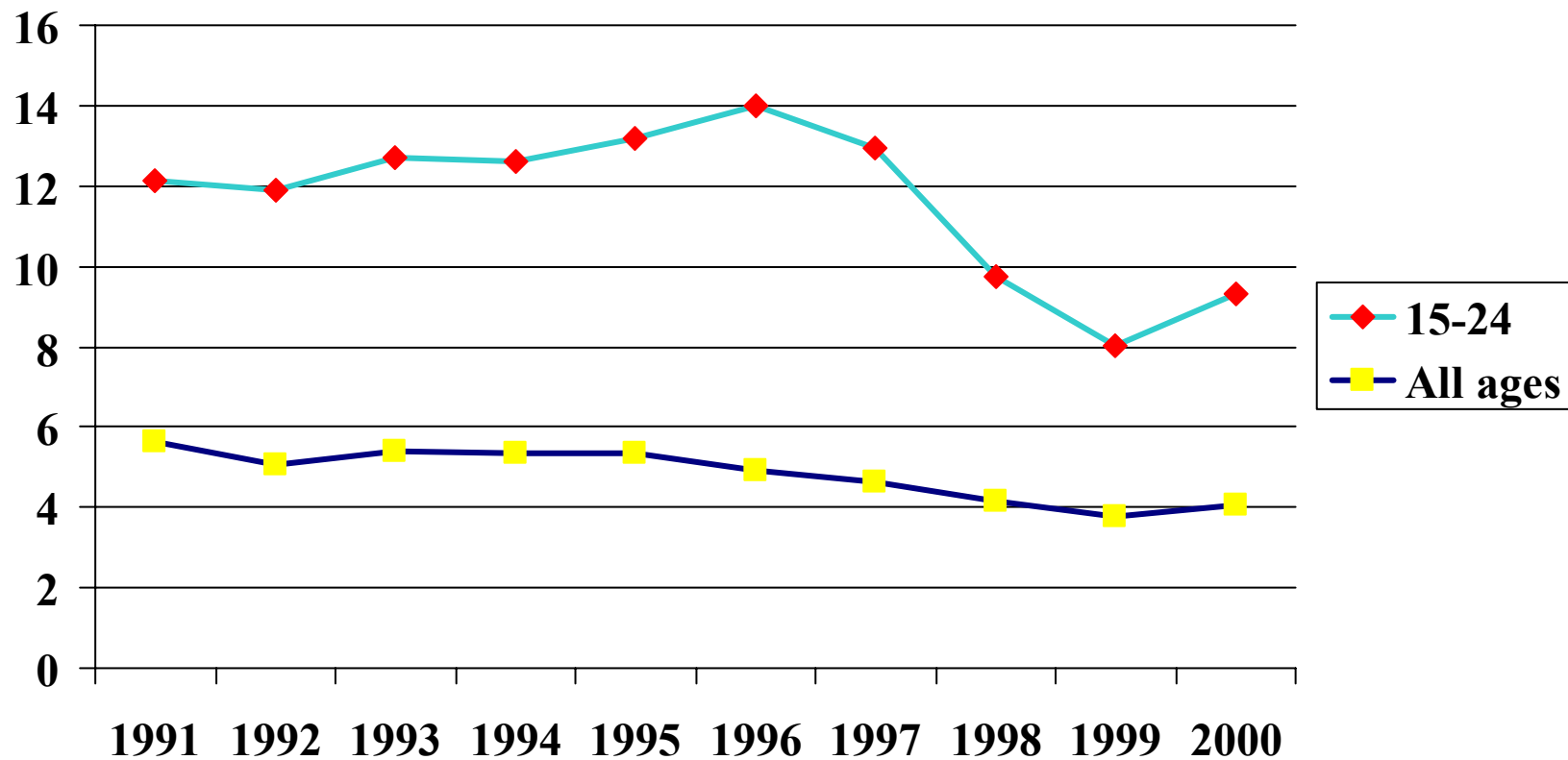
Age-adjusted homicide rate, United States and New Jersey, 1991-2000



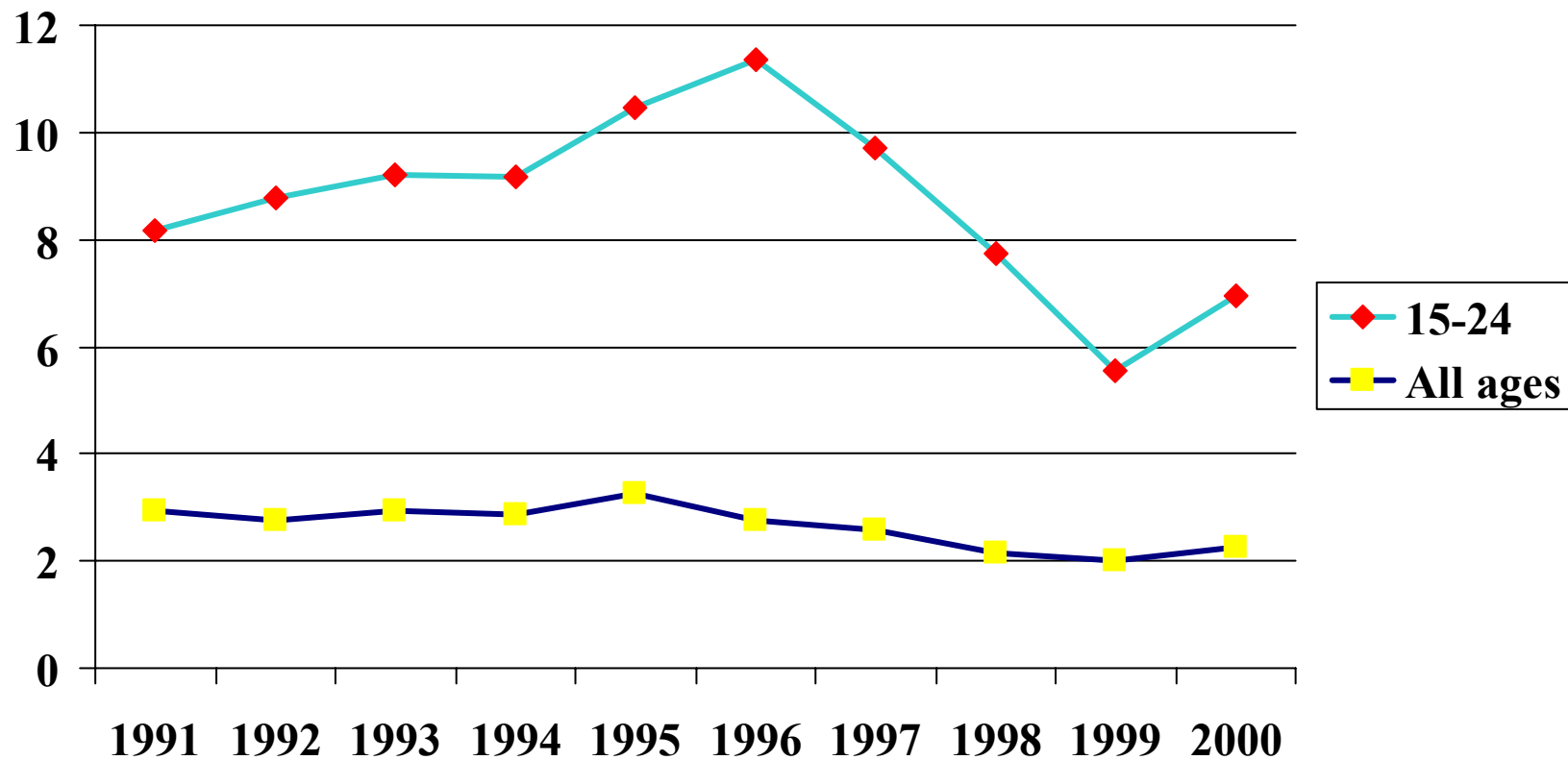
Age-adjusted firearm homicide rate, United States and New Jersey, 1991-2000



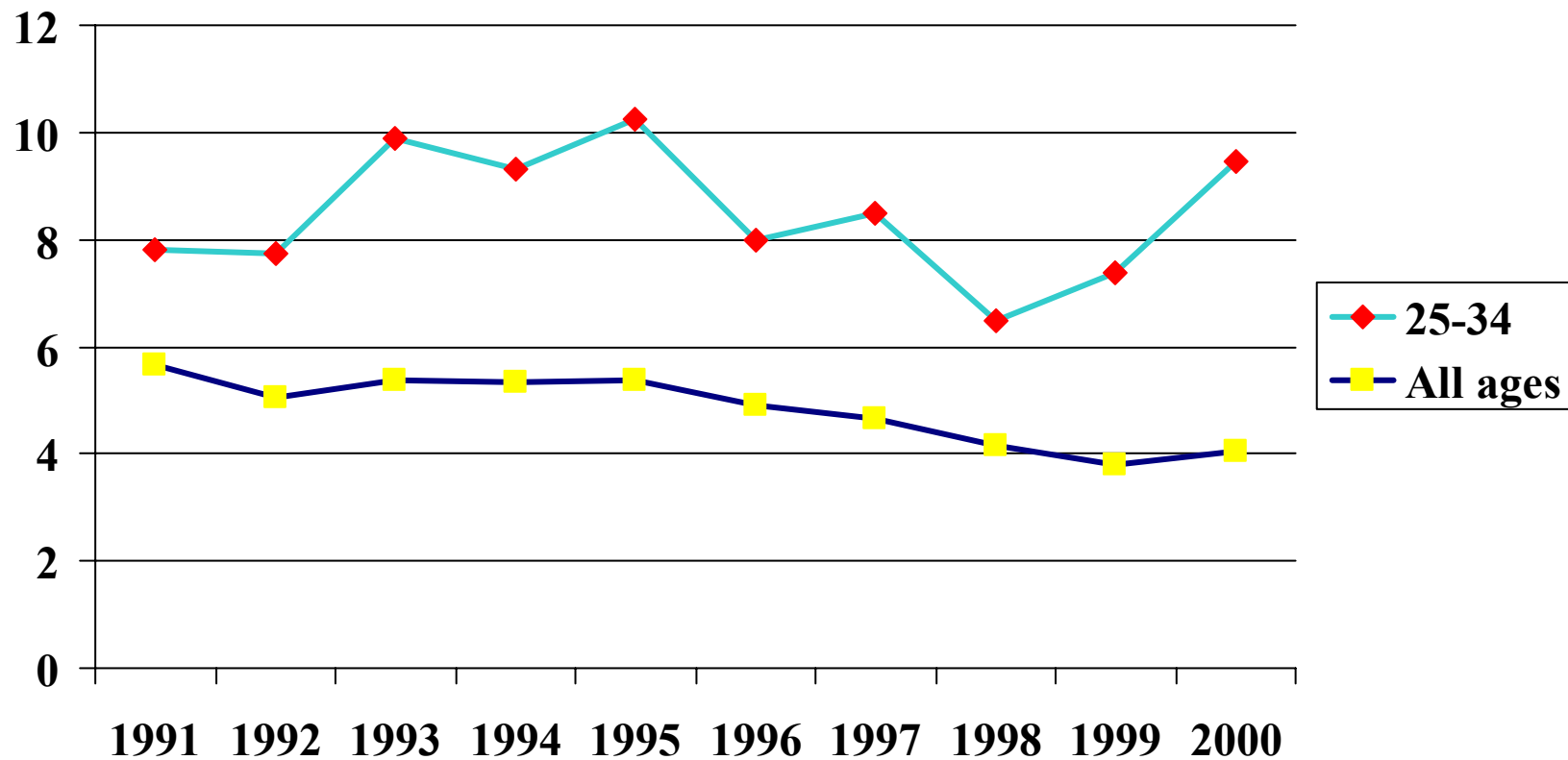
Homicide rate, 15-24 years and all ages, New Jersey, 1991-2000



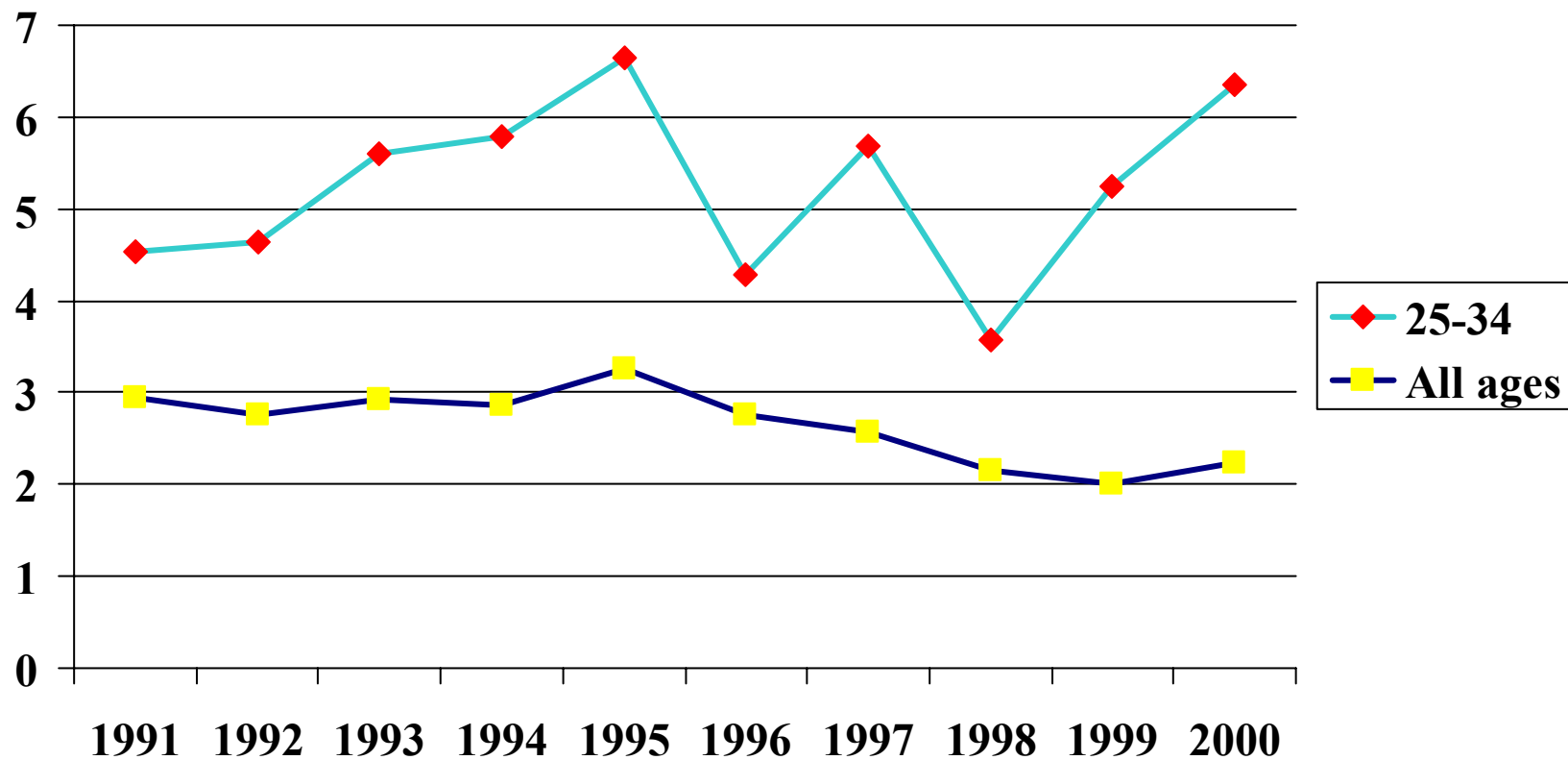
Firearm homicide rate, 15-24 years and all ages, New Jersey, 1991-2000



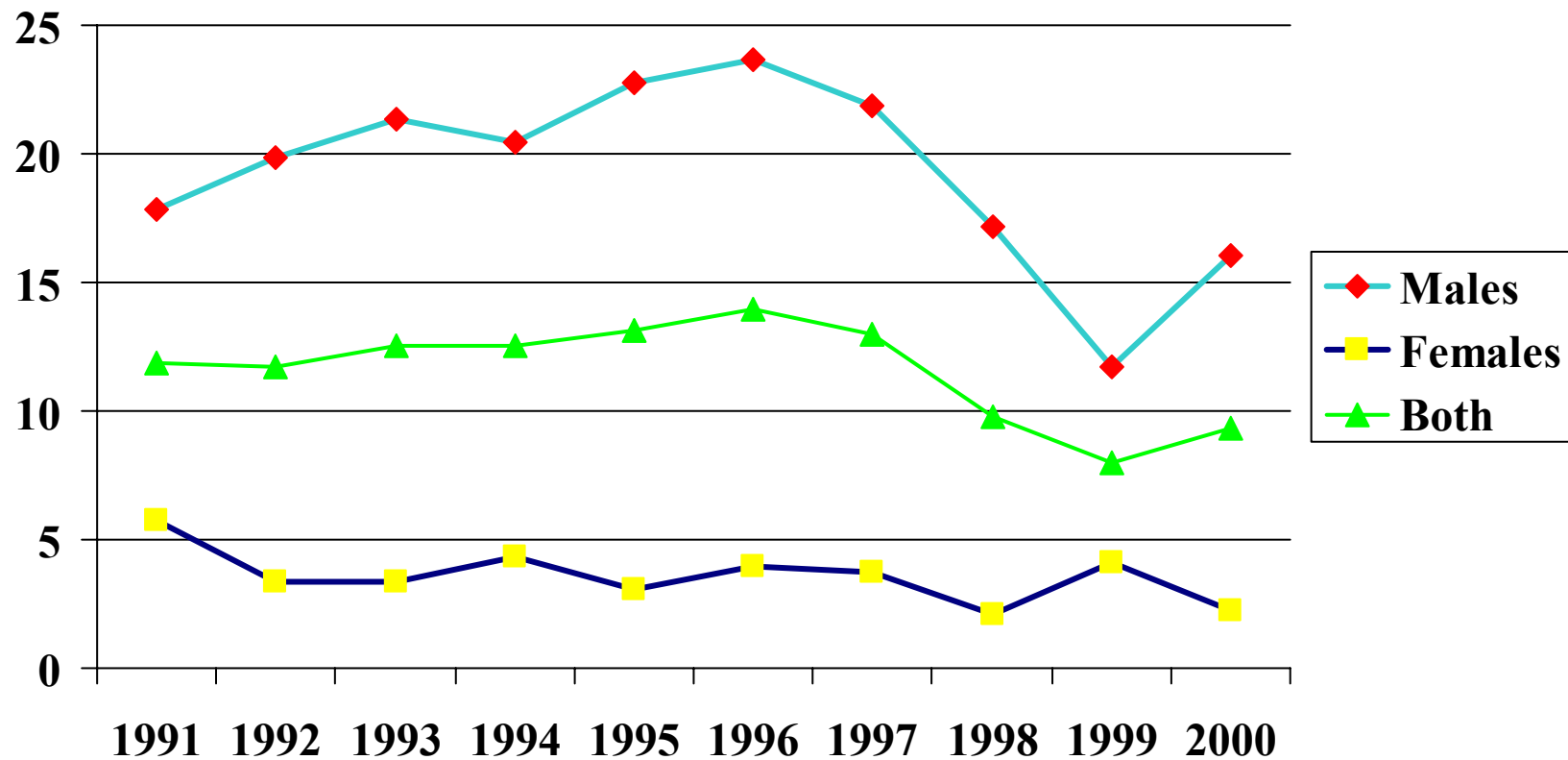
Homicide rate, ages 25-34 years and all ages, New Jersey, 1991-2000



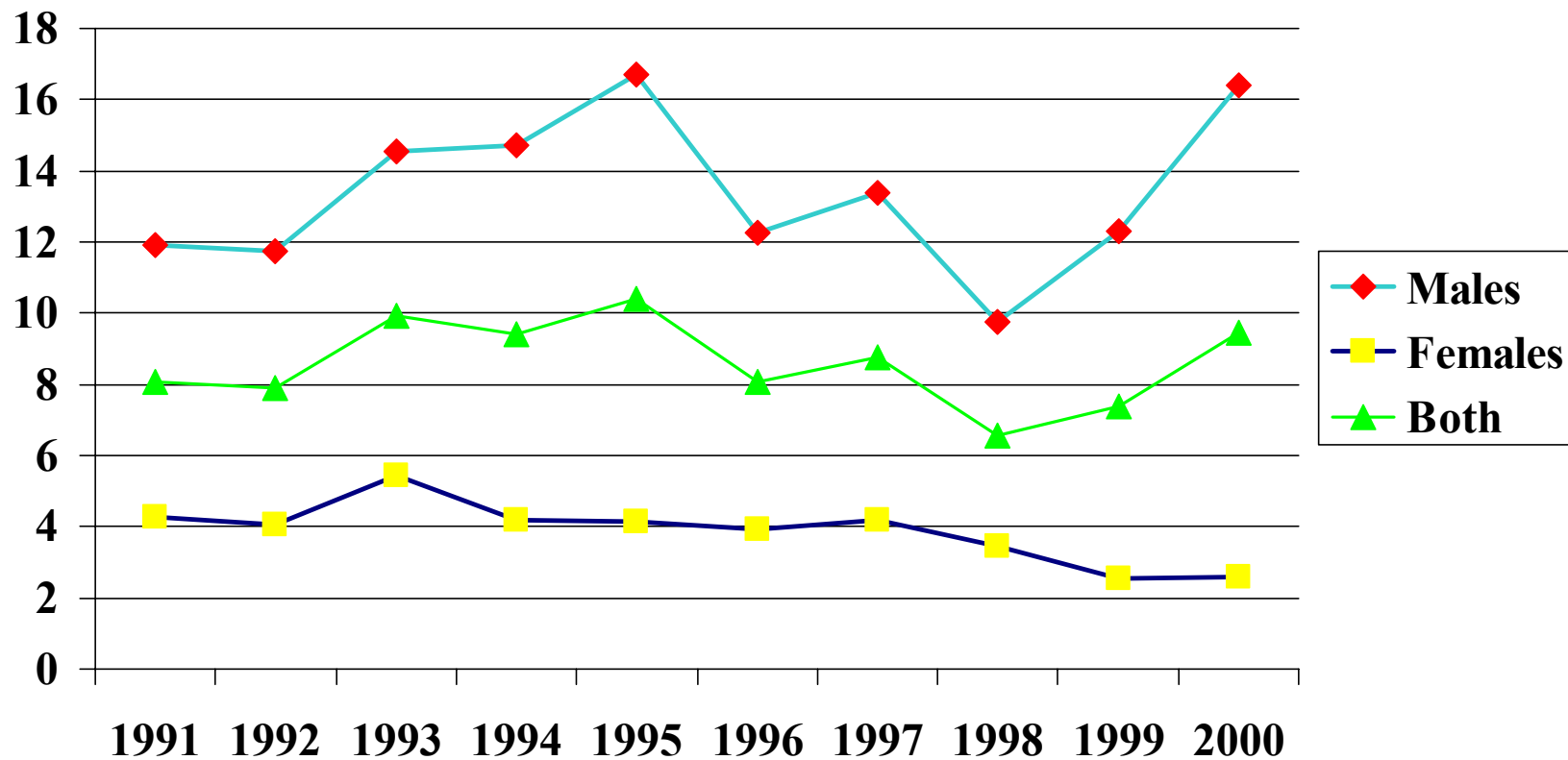
Firearm homicide rate, ages 25-34 years and all ages, New Jersey, 1991-2000



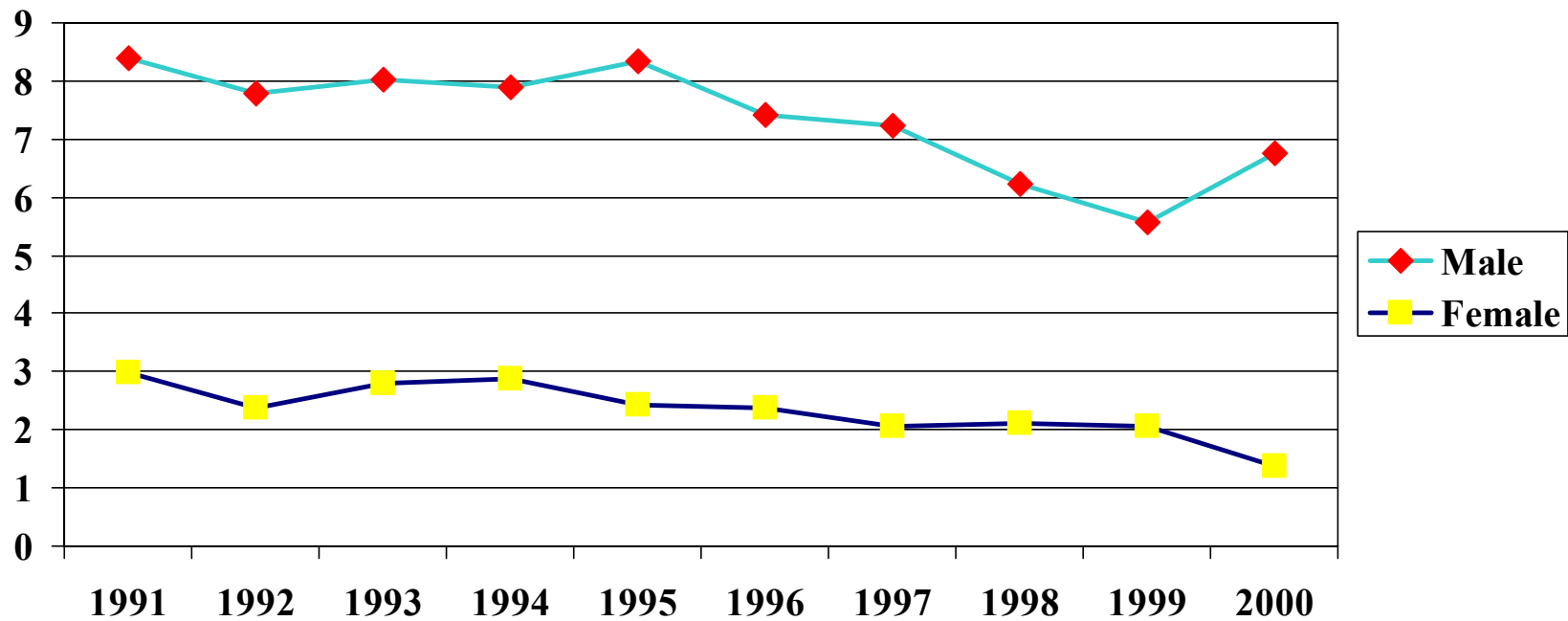
Homicide rate, ages 15-24 years, males and females, New Jersey, 1991-2000



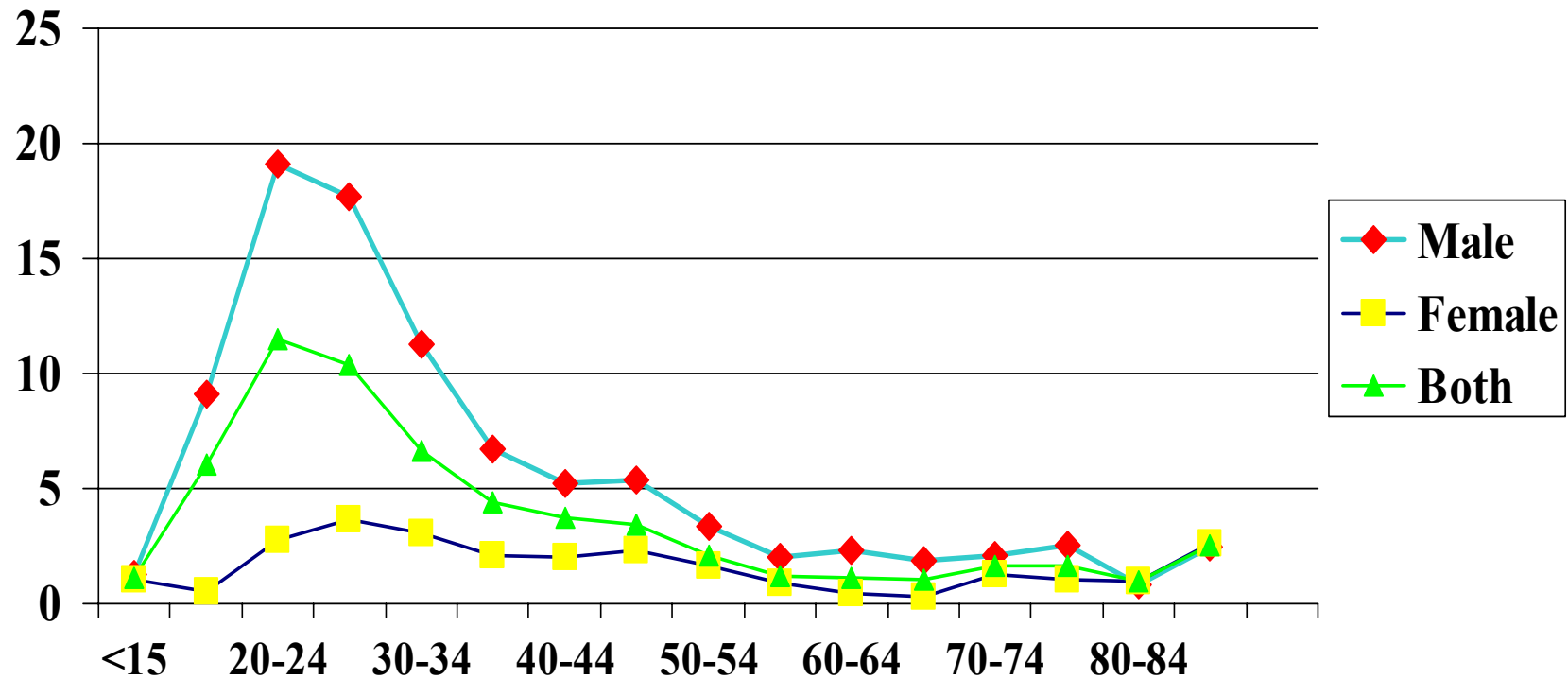
Homicide rate, ages 25-34 years, males and females, New Jersey, 1991-2000



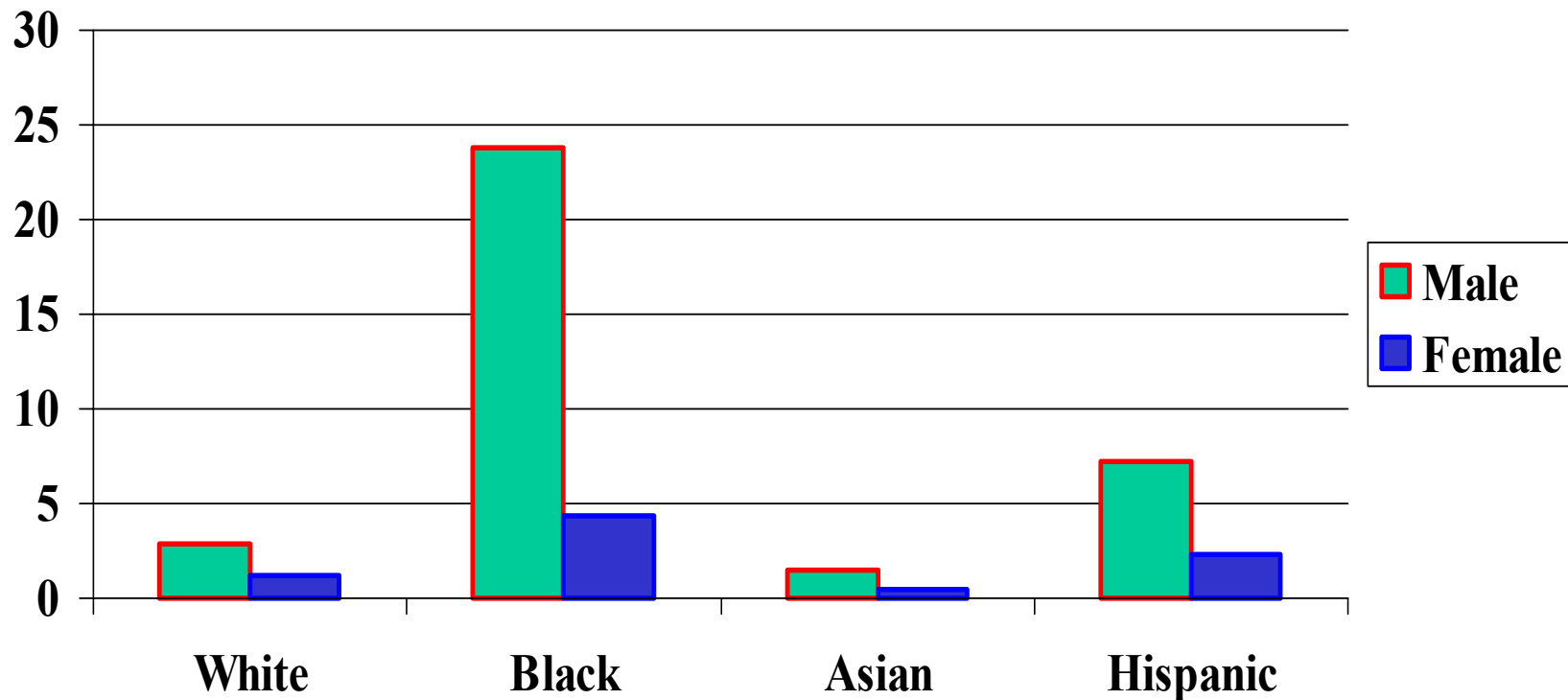
Homicide rate by gender, New Jersey, 1991-2000



Homicide rates by gender and age, New Jersey, 1999-2000



Age-adjusted homicide rates by race and gender , New Jersey, 1999-2000



Age-adjusted county homicide rates, 1999-2000

County	Rate	% Firearm	County	Rate	% Firearm
Atlantic	5.1	50.0 %	Middlesex	2.2	27.3%
Bergen	1.3	21.7%	Monmouth	1.7	50.0%
Burlington	1.4	66.7%	Morris	1.3	18.2%
Camden	6.8	71.0%	Ocean	1.7	31.3%
Cape May	0.7	100.0%	Passaic	4.6	47.8%
Cumberland	3.7	9.1%	Salem	1.6	0.0%
Essex	13.0	66.7%	Somerset	1.1	66.7%
Gloucester	2.5	23.1%	Sussex	0.5	0.0%
Hudson	3.6	45.8%	Union	3.9	38.5%
Hunterdon	0.7	0.0%	Warren	2.3	80.0%
Mercer	3.9	50.0%			

New Jersey Resident Homicide Rates - 1999, 2000
624 Total Homicides

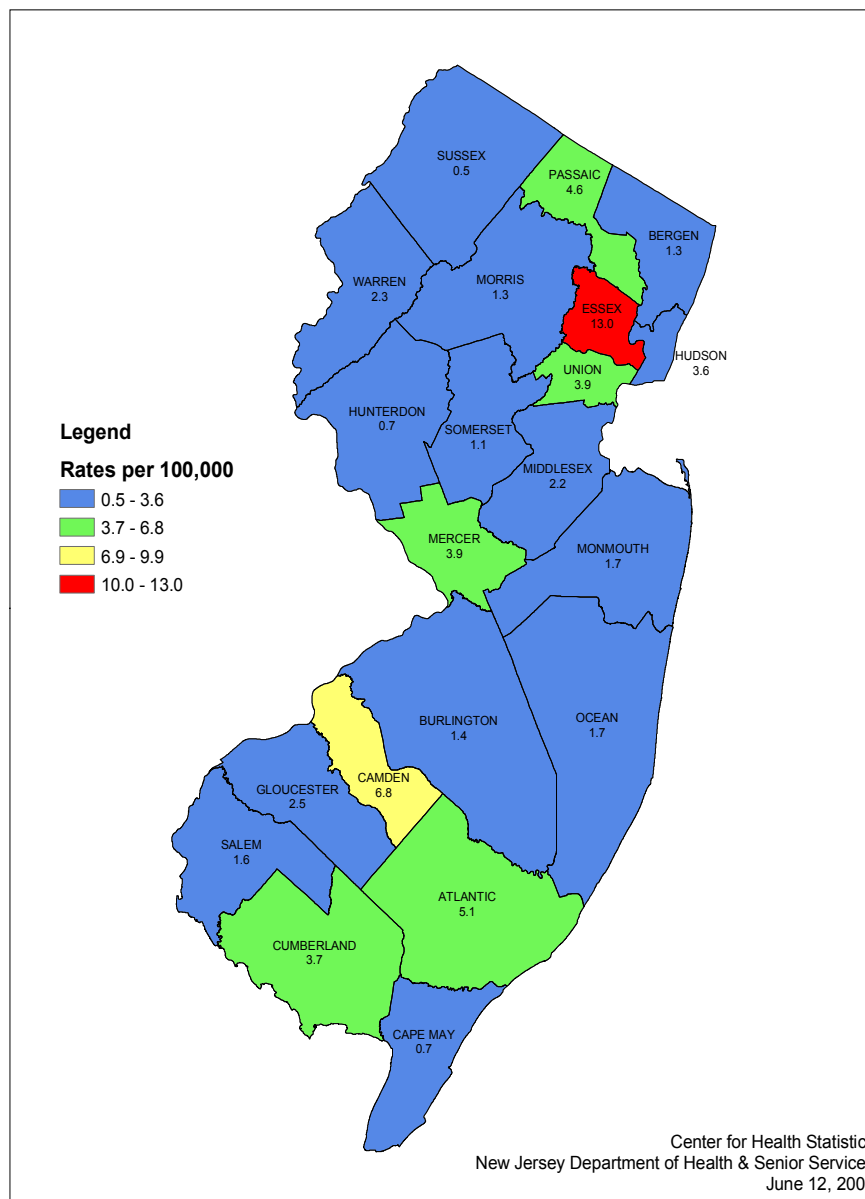


Table 3. Mechanism of Homicide, by County, New Jersey Residents, 1999 and 2000

County	Mechanism of Suicide					Total	Ave Rate*, all mech.	Percent using Firearm
	Firearm	Cut/Pierce	Not Specified	Suffocation	All Other Mechanism s			
Atlantic	11	5	4	1	1	22	4.4	50.0%
Bergen	5	7	2	3	6	23	1.3	21.7%
Burlington	8	3	1	0	0	12	1.4	66.7%
Camden	49	4	4	3	9	69	6.8	71.0%
Cape May	1	0	0	0	0	1	0.5	100.0%
Cumberland	1	3	4	1	2	11	3.8	9.1%
Essex	140	31	23	4	12	210	13.2	66.7%
Gloucester	3	3	5	1	1	13	2.6	23.1%
Hudson	22	10	8	4	4	48	3.9	45.8%
Hunterdon	0	0	1	0	1	2	0.8	0.0%
Mercer	14	5	4	2	3	28	4.0	50.0%
Middlesex	9	8	7	2	7	33	2.2	27.3%
Monmouth	10	6	1	1	2	20	1.6	50.0%
Morris	2	2	5	1	1	11	1.2	18.2%
Ocean	5	6	4	1	0	16	1.6	31.3%
Passaic	22	12	3	1	8	46	4.7	47.8%
Salem	0	0	2	0	0	2	1.6	0.0%
Somerset	4	1	0	1	0	6	1.0	66.7%
Sussex	0	0	0	1	0	1	0.3	0.0%
Union	15	12	7	2	3	39	3.7	38.5%
Warren	4	0	1	0	0	5	2.4	80.0%
Total	325	118	86	29	60	618	3.7	52.6%

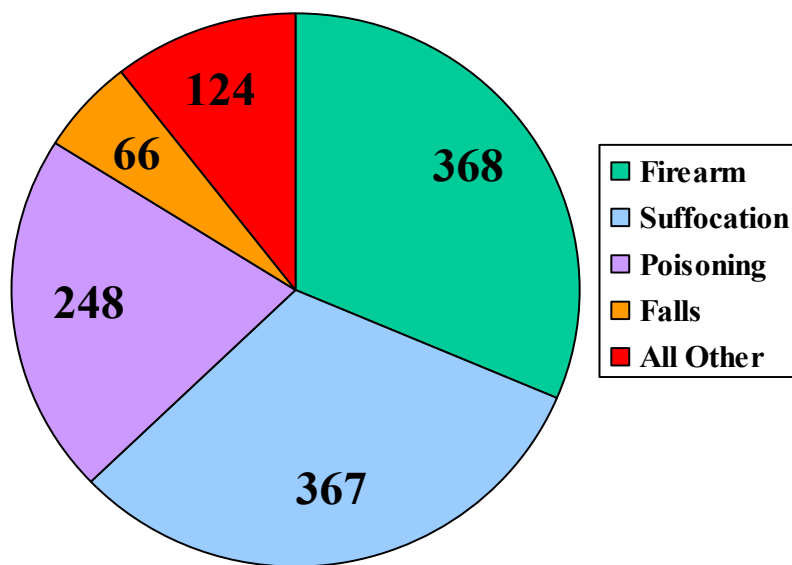
Suicide and homicide by mechanism, New Jersey, 1999-2000

Includes both NJ resident and occurrent deaths

Mechanism	Suicide	Mechanism	Homicide
Poisoning	248	Firearm	340
Suffocation	367	Cut/Pierce	121
Firearm	368	Not Spec'd	89
Fall	66	Suffocation	34
All Other Mechs	124	All Other Mechs	64
Total	1173	Total	648
106 Undetermined Intent Poisoning Deaths			

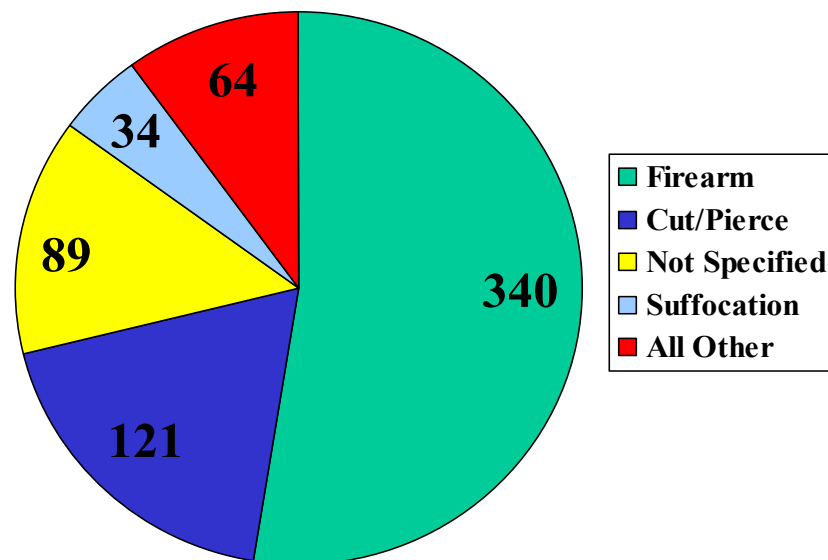
Suicide and homicide by mechanism, New Jersey, 1999-2000

Suicides by mechanism



Total suicides = 1173

Homicides by mechanism



Total homicides = 648

Preliminary data on 2003 events

- Includes both resident and occurrent deaths
- Captures multiple victim incidents and the relationships between victims and suspects

2003 NJ events, preliminary

Based on certificates collected through 6/5/03:

- 96 identified as homicide
- 114 identified as suicide
- 10 identified as undetermined intent
- 271 still pending (may be any cause of death, but many of these are anticipated to be suicides)

2003 NJ events to date

- 4 incidents totaling 12 deaths are multiple homicides
 - 4 of these deaths are children 8 and under
- 2.7% of victims are under 12 years old
 - All homicides
- 5.9% are between 13-19 years old
 - 8 homicides, 5 suicides

2003 NJ events to date

- 10.5% of victims are over 65
 - 19 of 23 deaths are suicides
 - 4 are homicides
- 41.4% of deaths involved a firearm
 - 64.7% of gun deaths are homicides
 - 35.2% of gun deaths are suicides

Monthly breakdown

- January 2003: 41 homicides, 37 suicides, 79 pending
- February 2003: 27 homicides, 47 suicides, 90 pending
- March 2003: 25 homicides, 23 suicides, 65 pending
- April 2003: 3 homicides, 7 suicides, 15 pending

Monthly Breakdown, 2003

	Suicides	Homicides	Pending
January	37	41	79
February	47	27	90
March	23	25	65
April	7	3	15